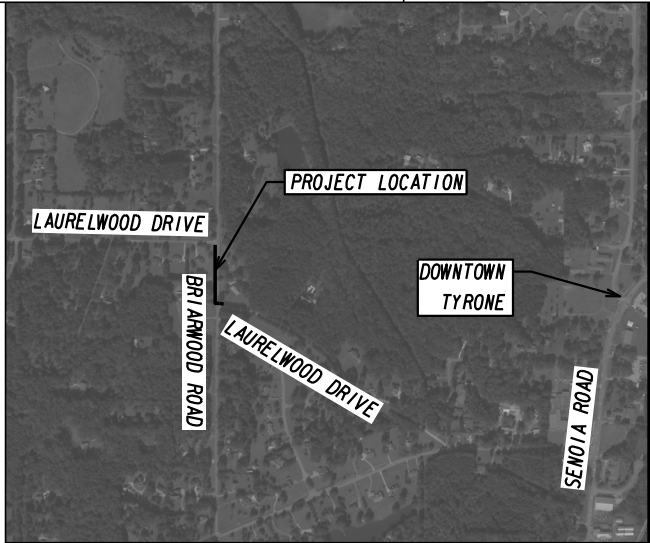




LOCATION SKETCH

DESIGN DATA:  
TRAFFIC A.D.T.: N/A  
TRAFFIC A.D.T.: N/A  
TRAFFIC D.H.V.: N/A  
DIRECTIONAL DIST: N/A  
% TRUCKS: N/A  
24 HR. TRUCKS %: N/A  
SPEED DESIGN: 35 MPH

LOCATION & DESIGN  
APPROVAL DATE: N/A

FUNCTIONAL CLASS:  
LOCAL ROAD

THIS PROJECT IS 100% IN  
FAYETTE COUNTY AND IS  
100% IN CONG. DIST. NO. 3.

PROJECT DESIGNATION: N/A

THIS PROJECT HAS BEEN PREPARED  
USING THE HORIZONTAL GEORGIA  
COORDINATE SYSTEM OF 1984 (NAD  
1983/94 WEST ZONE, AND THE NORTH  
AMERICAN VERTICAL DATUM (NAVD)  
OF 1988.

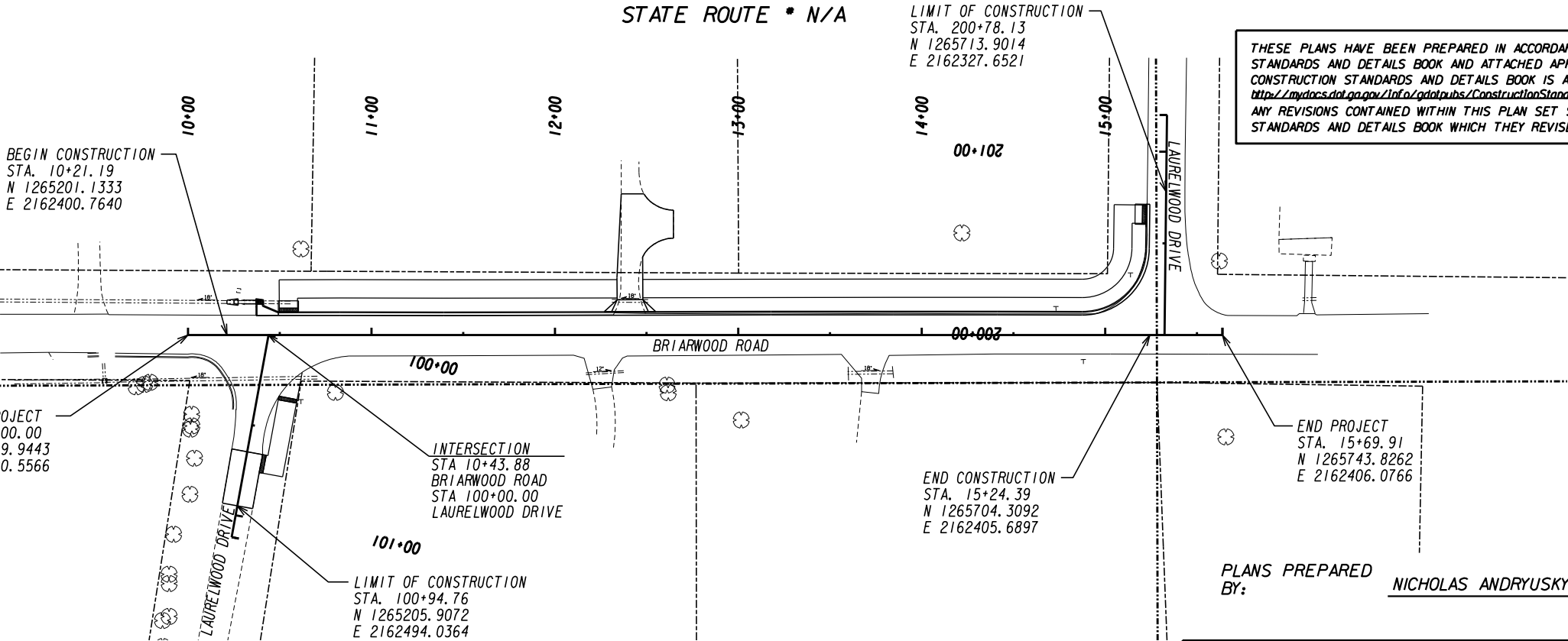
THE DATA, TOGETHER WITH ALL OTHER INFORMATION SHOWN ON THESE PLANS OR IN ANYWAY  
INDICATED THEREBY, WHETHER BY DRAWINGS OR NOTES, OR IN ANY OTHER MANNER, ARE BASED UPON  
FIELD INVESTIGATIONS AND ARE BELIEVED TO BE INDICATIVE OF ACTUAL CONDITIONS. HOWEVER, THE  
SAME ARE SHOWN AS INFORMATION ONLY, ARE NOT GUARANTEED, AND DO NOT BIND THE DEPARTMENT  
OF TRANSPORTATION IN ANY WAY. THE ATTENTION OF BIDDER IS SPECIFICALLY DIRECTED TO  
SUBSECTIONS 102.04, 102.05, AND 104.03 OF THE SPECIFICATIONS.

# TOWN OF TYRONE STATE OF GEORGIA

## PLAN AND PROFILE OF PROPOSED LAURELWOOD CONNECTOR MULTI-USE PATH

TOWN OF TYRONE  
FAYETTE COUNTY

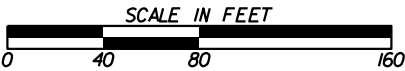
FEDERAL ROUTE \* N/A  
STATE ROUTE \* N/A



THESE PLANS HAVE BEEN PREPARED IN ACCORDANCE WITH THE 2024 CONSTRUCTION  
STANDARDS AND DETAILS BOOK AND ATTACHED APPLICABLE REVISIONS. THE 2024  
CONSTRUCTION STANDARDS AND DETAILS BOOK IS AVAILABLE AT:  
<http://mydocs.dot.ga.gov/Info/gdotpubs/ConstructionStandardsAndDetails/Forms/AllItems.aspx>  
ANY REVISIONS CONTAINED WITHIN THIS PLAN SET SUPERSEDE THE 2024 CONSTRUCTION  
STANDARDS AND DETAILS BOOK WHICH THEY REVISE OR IN WHICH THERE IS A CONFLICT.



PLANS PREPARED  
BY: NICHOLAS ANDRYUSKY, P.E.



| LENGTH OF PROJECT        | COUNTY No. 113     |
|--------------------------|--------------------|
|                          | Project No. 230345 |
|                          | MILES              |
| NET LENGTH OF PATH       | 0.0098             |
| NET LENGTH OF BRIDGES    | 0.0000             |
| NET LENGTH OF PROJECT    | 0.0280             |
| NET LENGTH OF EXCEPTIONS | 0.0000             |
| GROSS LENGTH OF PROJECT  | 0.0280             |

**Keck+Wood**  
COLLABORATION BY DESIGN  
3090 Premiere Parkway, Suite 200  
Duluth, GA 30097  
(678) 417-4000      keckwood.com

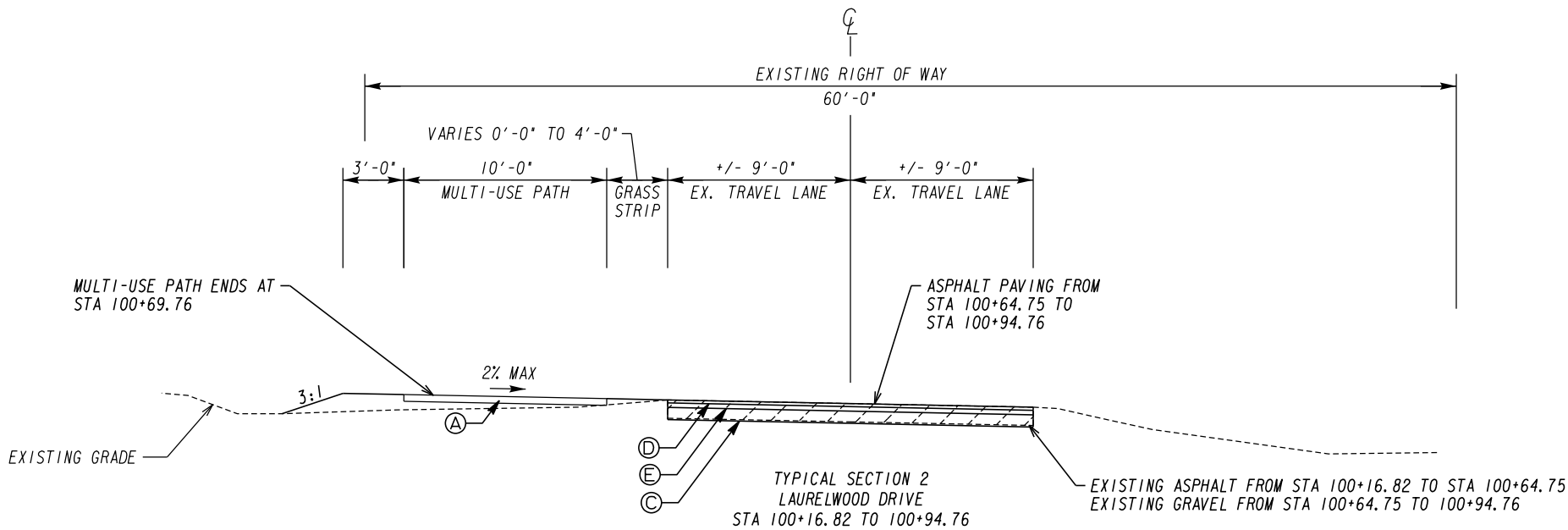
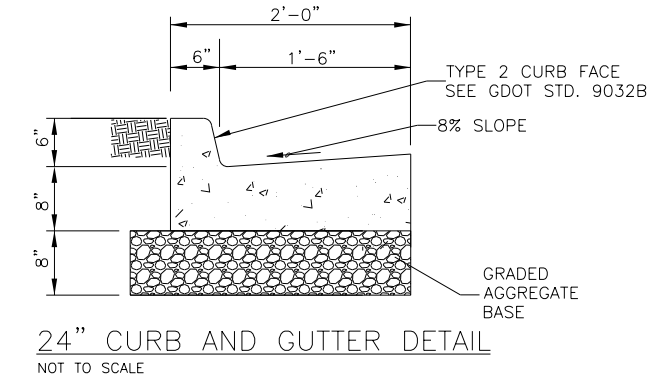
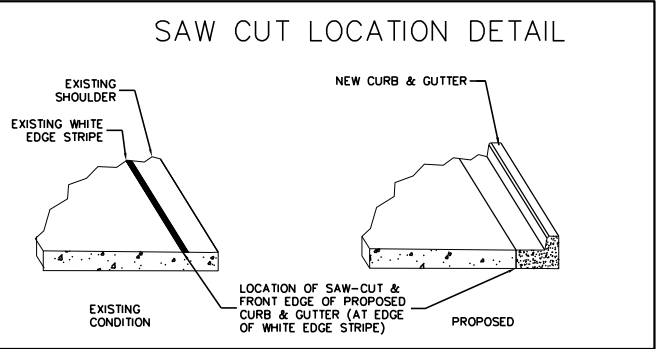
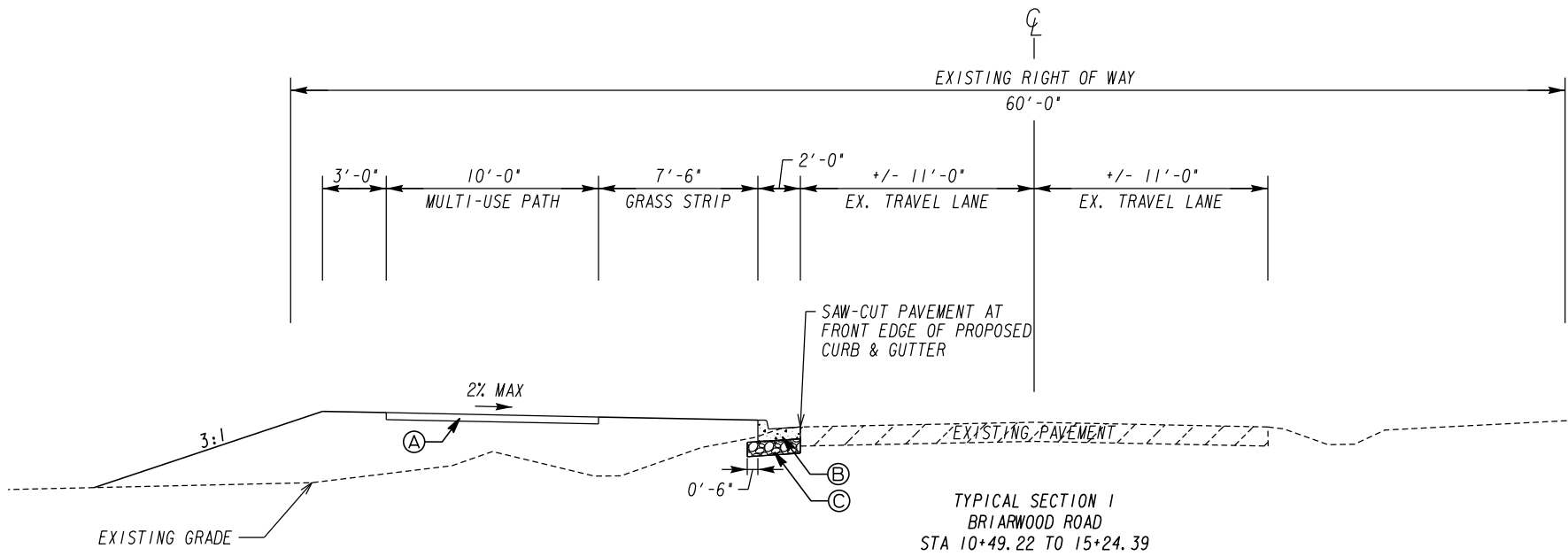
|                            |  |
|----------------------------|--|
| PLANS COMPLETED 01-13-2025 |  |
| REVISIONS                  |  |
| 08-27-2026                 |  |
|                            |  |
|                            |  |
|                            |  |
|                            |  |
|                            |  |
|                            |  |

DRAWING No.

01-0001

[illegible][illegible]





- (A) CONCRETE SIDEWALK, 4 IN DEPTH
- (B) CONCRETE CURB & GUTTER, 8"X24 GA STD. 9032B, TYPE 2
- (C) GR AGGR BASE CRS, INCL MATL, 8 IN DEPTH
- (D) RECYCLED ASPH CONC 12.5 MM SUPERPAVE, GP 2 ONLY, INCL BITUM MATL, INCL TACK COAT & H LIME (220\*/SY)
- (E) RECYCLED ASPH CONC 19 MM SUPERPAVE, GP 1 OR 2, INCL BITUM MATL, INCL TACK COAT & H LIME (330\*/SY)

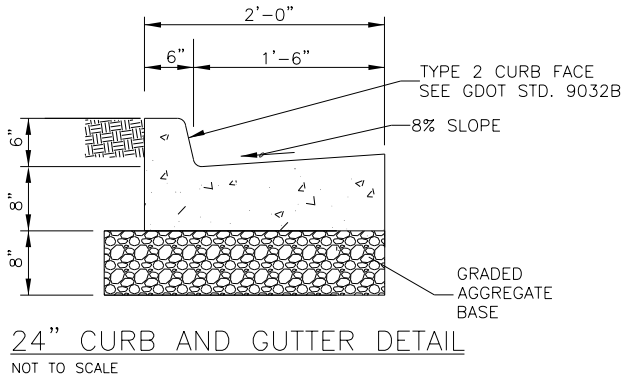
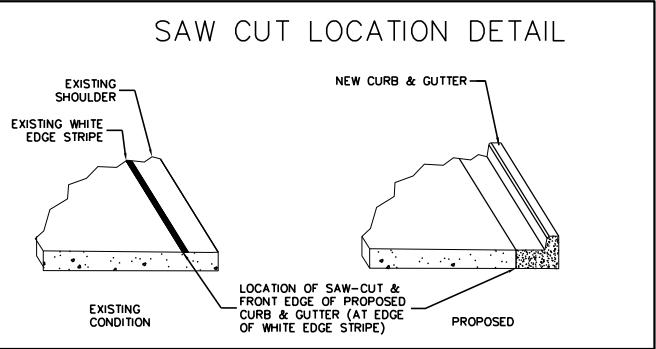
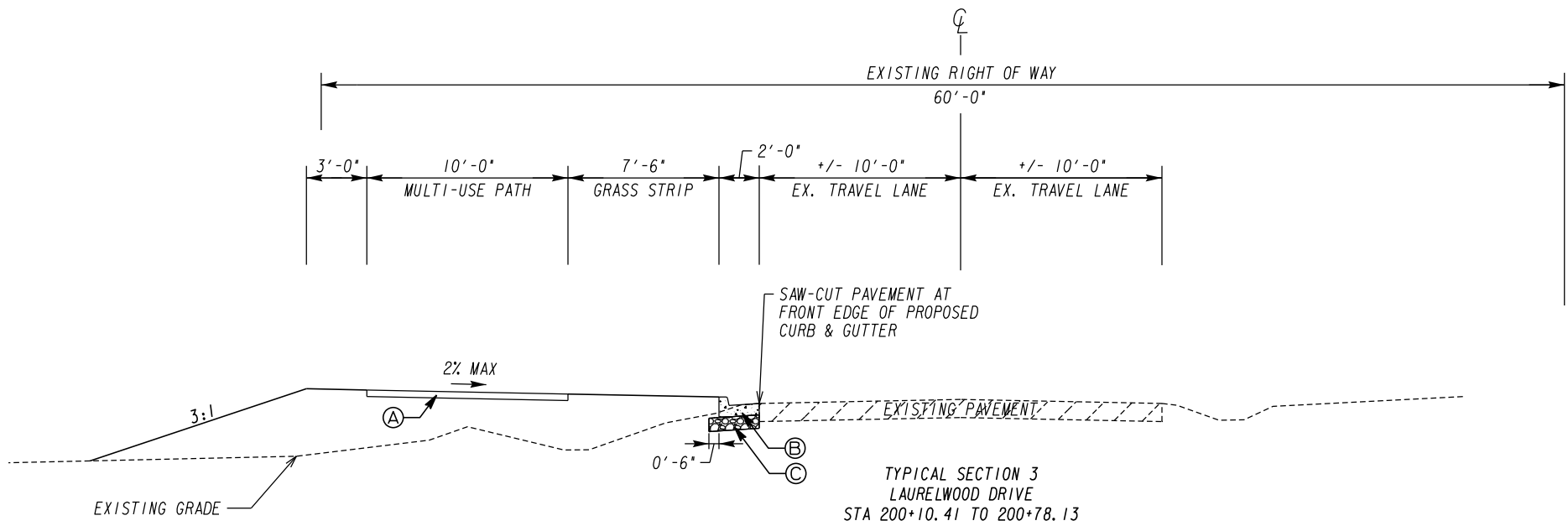
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Duluth, GA 30097  
(678) 417-4000    keckwood.com

NOT TO SCALE

| REVISION DATES |             |  |
|----------------|-------------|--|
| 08-27-2026     | ADDENDUM *1 |  |
|                |             |  |
|                |             |  |
|                |             |  |
|                |             |  |
|                |             |  |
|                |             |  |

| TYPICAL SECTIONS                    |  |       |             |
|-------------------------------------|--|-------|-------------|
| LAURELWOOD CONNECTOR MULTI-USE PATH |  |       |             |
| TOWN OF TYRONE, GA                  |  |       |             |
| CHECKED:                            |  | DATE: |             |
| BACKCHECKED:                        |  | DATE: |             |
| CORRECTED:                          |  | DATE: |             |
| VERIFIED:                           |  | DATE: |             |
|                                     |  |       | DRAWING No. |
|                                     |  |       | 05-0001     |





- (A) CONCRETE SIDEWALK, 4 IN DEPTH  
(B) CONCRETE CURB & GUTTER, 8"X24 GA STD. 9032B, TYPE 2  
(C) GR AGGR BASE CRS, INCL MATL, 8 IN DEPTH

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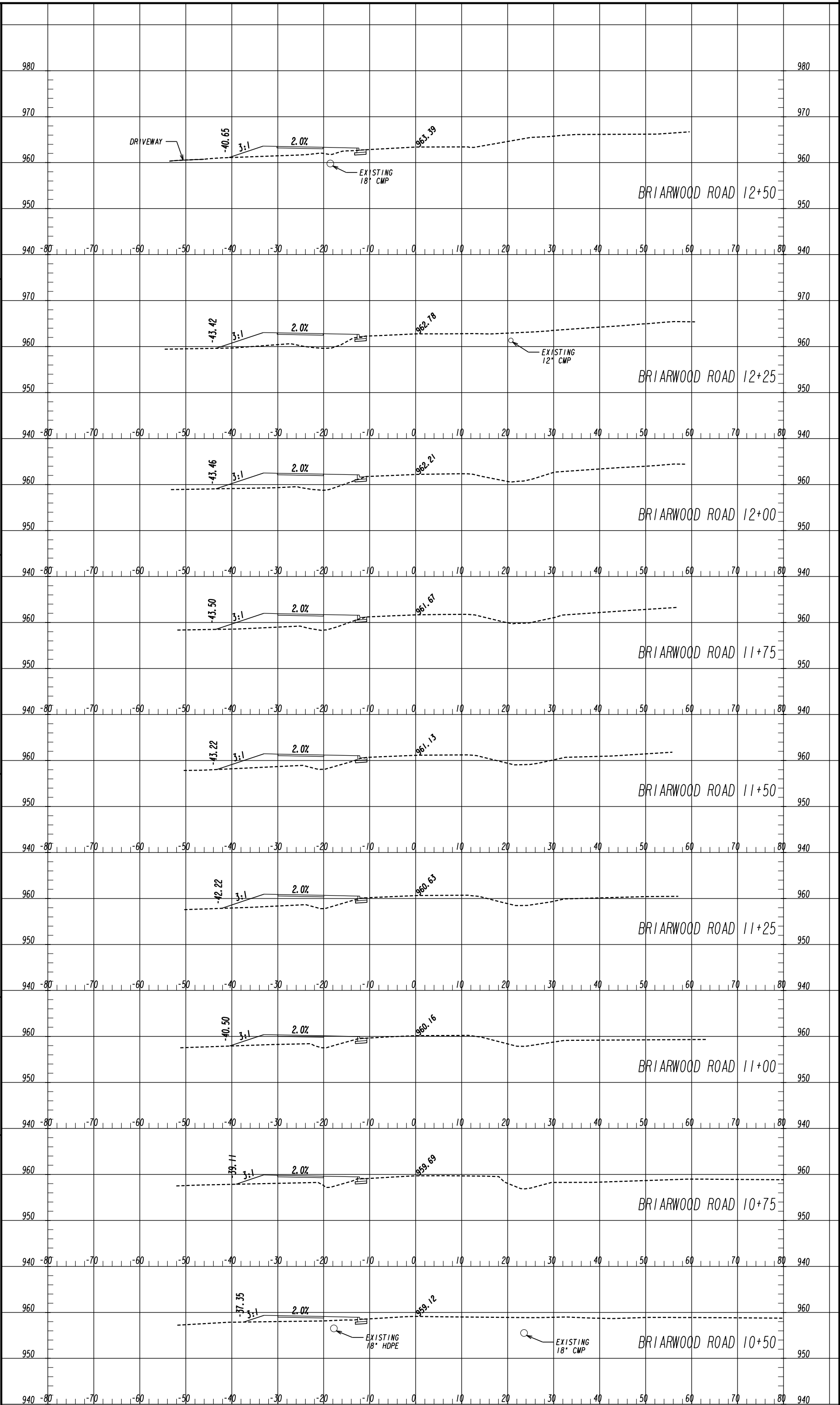
NOT TO SCALE

| REVISION DATES |             |  |
|----------------|-------------|--|
| 08-27-2026     | ADDENDUM #1 |  |
|                |             |  |
|                |             |  |
|                |             |  |
|                |             |  |
|                |             |  |
|                |             |  |

| TYPICAL SECTIONS                    |  |       |         |
|-------------------------------------|--|-------|---------|
| LAURELWOOD CONNECTOR MULTI-USE PATH |  |       |         |
| TOWN OF TYRONE, GA                  |  |       |         |
| CHECKED:                            |  | DATE: |         |
| BACKCHECKED:                        |  | DATE: |         |
| CORRECTED:                          |  | DATE: |         |
| VERIFIED:                           |  | DATE: |         |
| DRAWING No.                         |  |       | 05-0002 |

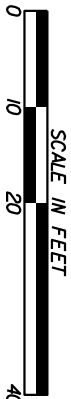




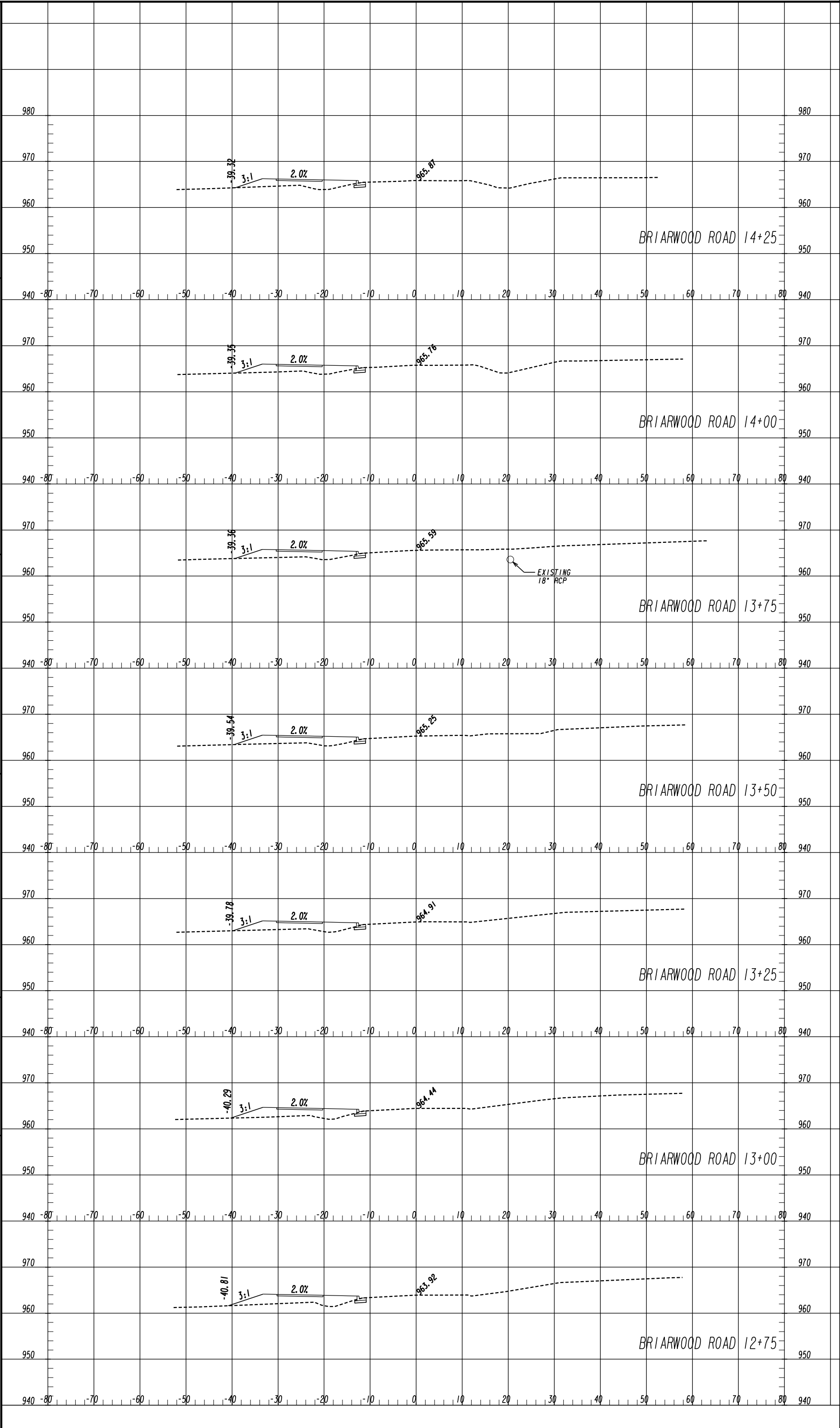


**SUXEM**

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|                                     |            |       |  |             |  |
|-------------------------------------|------------|-------|--|-------------|--|
| <b>CROSS SECTIONS</b>               |            |       |  |             |  |
| <b>REVISION DATES</b>               |            |       |  |             |  |
| 08-27-2026                          | ADD ROW #1 |       |  |             |  |
|                                     |            |       |  |             |  |
|                                     |            |       |  |             |  |
| LAURELWOOD CONNECTOR MULTI-USE PATH |            |       |  |             |  |
| TOWN OF TYRONE, GA                  |            |       |  |             |  |
| CHECKED:                            |            | DATE: |  | DRAWING No. |  |
| BACHECKED:                          |            | DATE: |  |             |  |
| CORRECTED:                          |            | DATE: |  |             |  |
| VERIFIED:                           |            | DATE: |  |             |  |
|                                     |            |       |  | 23-0001     |  |



COLLABORATION BY DESIGN

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SCALE IN FEET

0 10 20 40

| REVISION DATES |             |
|----------------|-------------|
| 08-27-2026     | ADDENDUM #1 |
|                |             |
|                |             |
|                |             |

|              |       |                        |
|--------------|-------|------------------------|
| CHECKED:     | DATE: | DRAWING NO.<br>23-0002 |
| BACKCHECKED: | DATE: |                        |
| CORRECTED:   | DATE: |                        |
| VERIFIED:    | DATE: |                        |

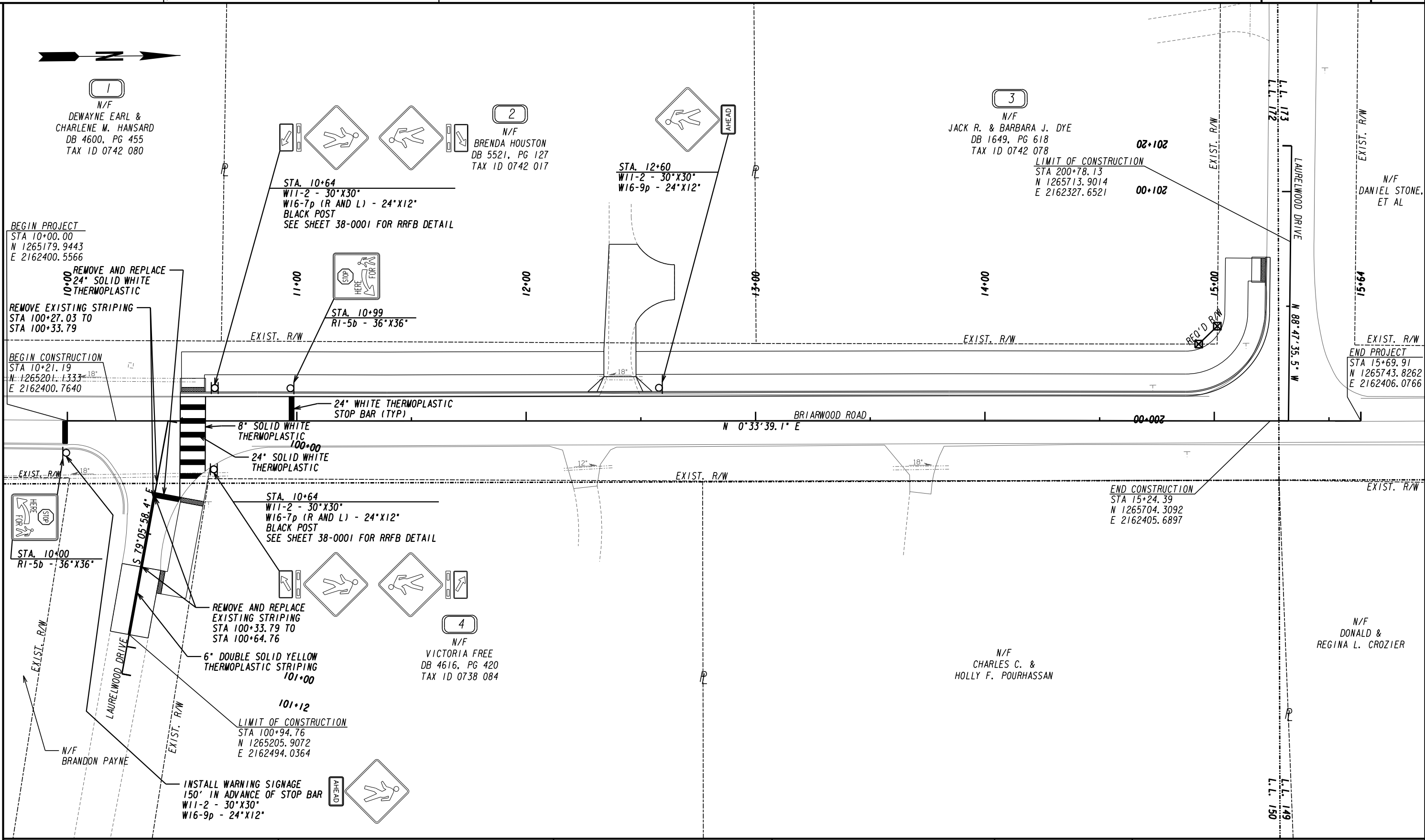
CROSS SECTIONS

LAURELWOOD CONNECTOR MULTI-USE PATH

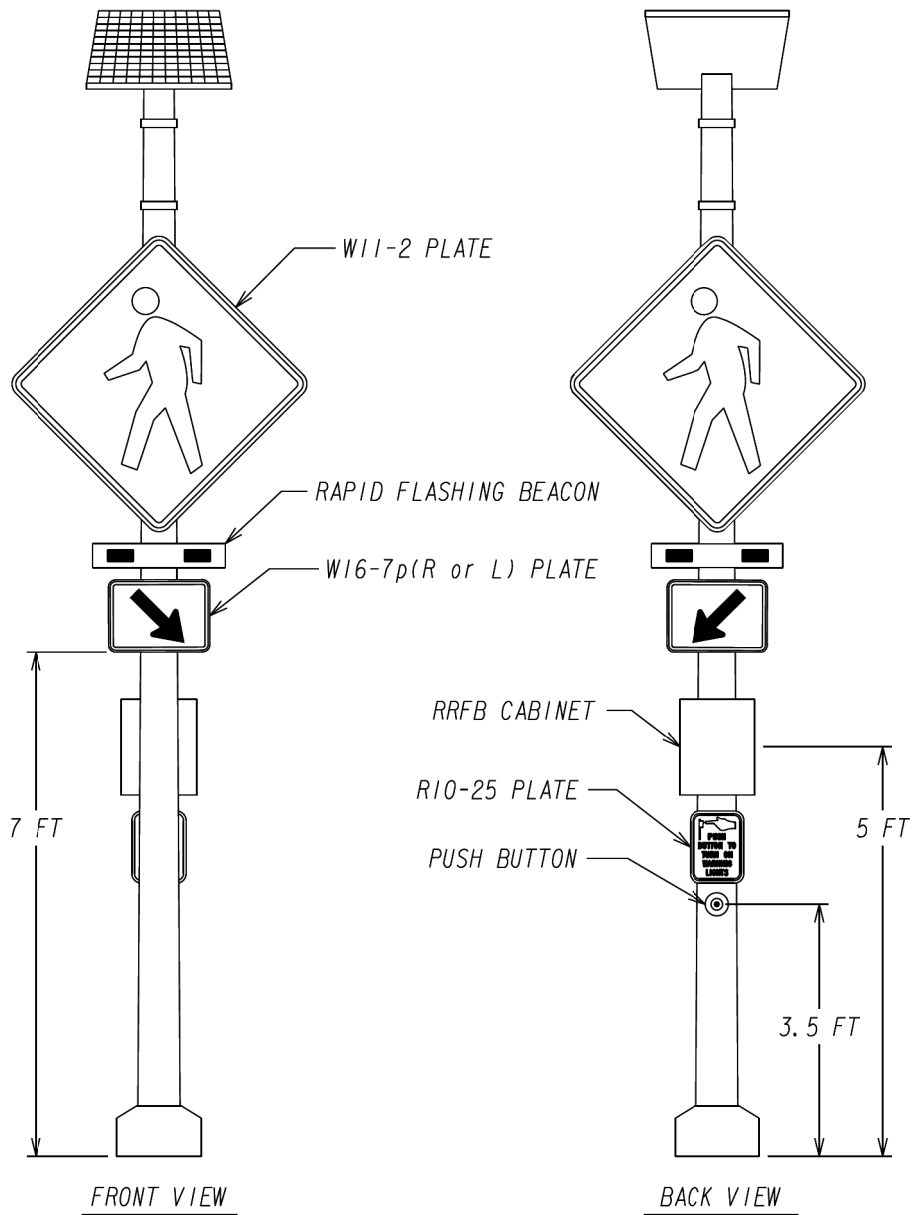
TOWN OF TYRONE, GA







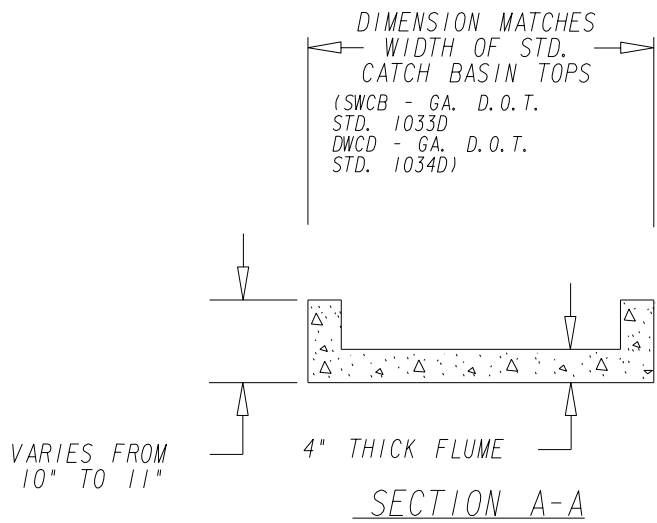
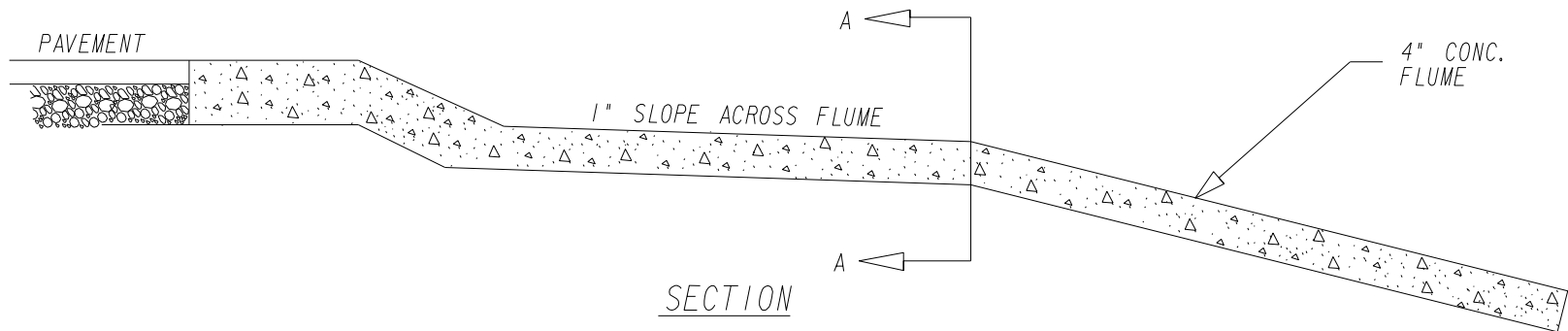
|                                                                                                                                                                                                       |  |                                                                                                                                                                                                                                                    |  |  |  |                       |             |  |                                                                                                             |  |              |                 |                |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|-----------------------|-------------|--|-------------------------------------------------------------------------------------------------------------|--|--------------|-----------------|----------------|
| <b>PROPERTY AND EXISTING R/W LINE</b><br>REQUIRED R/W LINE<br>CONSTRUCTION LIMITS<br>EASEMENT FOR CONSTR<br>& MAINTENANCE OF SLOPES<br>EASEMENT FOR CONSTR OF SLOPES<br>EASEMENT FOR CONSTR OF DRIVES |  | <b>BEGIN LIMIT OF ACCESS.....BLA</b><br><b>END LIMIT OF ACCESS.....ELA</b><br><b>REQ'D LIMIT OF ACCESS</b><br><b>REQ'D LIMIT OF ACCESS &amp; R/W</b><br><b>ORANGE BARRIER FENCE</b><br><b>ESA - ENV. SENSITIVE AREA</b><br><b>(SEE ERIT TABLE)</b> |  |  |  | <b>REVISION DATES</b> |             |  | <b>SIGNING AND MARKING PLANS</b><br><b>LAURELWOOD CONNECTOR MULTI-USE PATH</b><br><b>TOWN OF TYRONE, GA</b> |  |              |                 |                |
|                                                                                                                                                                                                       |  |                                                                                                                                                                                                                                                    |  |  |  | 08-27-2026            | ADDENDUM *1 |  |                                                                                                             |  |              | <b>CHECKED:</b> |                |
|                                                                                                                                                                                                       |  |                                                                                                                                                                                                                                                    |  |  |  |                       |             |  | <b>BACKCHECKED:</b>                                                                                         |  | <b>DATE:</b> |                 | <b>26-0001</b> |
|                                                                                                                                                                                                       |  |                                                                                                                                                                                                                                                    |  |  |  |                       |             |  | <b>CORRECTED:</b>                                                                                           |  | <b>DATE:</b> |                 |                |
|                                                                                                                                                                                                       |  |                                                                                                                                                                                                                                                    |  |  |  |                       |             |  | <b>VERIFIED:</b>                                                                                            |  | <b>DATE:</b> |                 |                |



PEDESTAL MOUNTED PEDESTRIAN RECTANGULAR RAPID FLASHING BEACON, ASSEMBLY DETAIL  
NOT TO SCALE

- PUSH BUTTONS SHALL ACTIVATE TWO (2) RAPID FLASHING BEACONS AT A TIME.
- RAPID FLASHING BEACON, W11-2 PLATES, AND W-16-7p (R OR L) PLATES SHOULD BE FACING VEHICULAR TRAFFIC, RRFB CABINET, R10-25 PLATE (PUSH BUTTON TO TURN ON WARNING LIGHTS), AND PUSH BUTTON SHOULD BE FACING INSIDE CROSSWALK.
- ALL ASSEMBLIES ARE TO BE SOLAR POWERED. WIRELESS COMMUNICATION BETWEEN ASSEMBLIES IS REQUIRED
- REFER TO GDOT DETAIL TS-03 (SHEET 41-0003) AND TS-06 (SHEET 41-0004) FOR FOUNDATION AND GROUNDING DETAILS
- POLES SHOULD BE COATED BLACK NOT SPRAY PAINTED

| REVISION DATES |  |  | SPECIAL CONSTRUCTION DETAILS        |  |       |             |
|----------------|--|--|-------------------------------------|--|-------|-------------|
|                |  |  | LAURELWOOD CONNECTOR MULTI-USE PATH |  |       |             |
|                |  |  | TOWN OF TYRONE, GA                  |  |       |             |
|                |  |  | CHECKED:                            |  | DATE: | DRAWING No. |
|                |  |  | BACKCHECKED:                        |  | DATE: | 38-0001     |
|                |  |  | CORRECTED:                          |  | DATE: |             |
|                |  |  | VERIFIED:                           |  | DATE: |             |



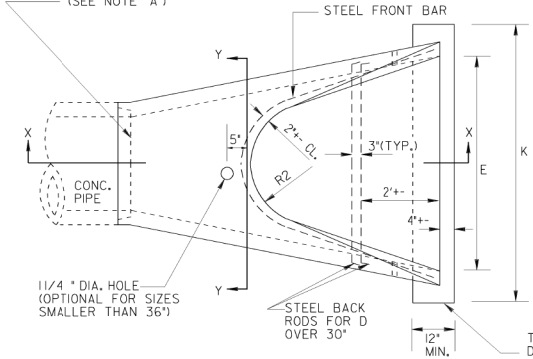
# SPECIAL CONCRETE SPILLWAY DETAIL N.T.S.

(SEE PLANS FOR LOCATIONS)

9/6/2006 9:44:21 AM \\GDOT-C581\GDOT\QC\gpo\11f\_eo1p01.qcf\_gowens M:\GARY\REVISED\_1120\1120.plt GO-R06

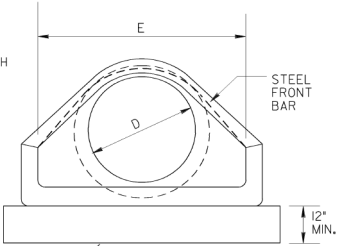
END SECTION TO PIPE JOINT SHOWN AS TYPICAL:  
HUB END ON OUTLET END SECTIONS;  
SOCKET END ON INLET END SECTIONS  
(SEE NOTE "A")

CONCRETE FLARED END SECTION



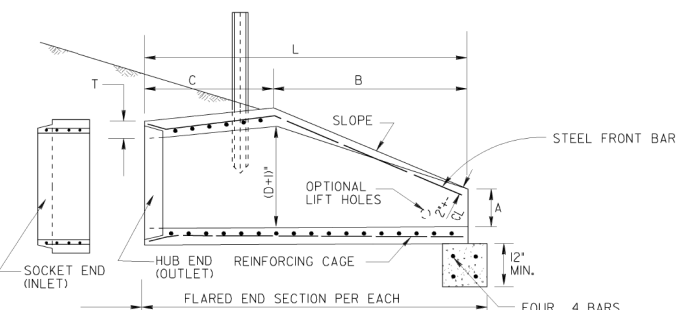
PLAN

INSTALLATION: (D OVER 30")  
CABLE, CHAIN, OR LIFTING PIN  
WILL EXTEND THRU 1 1/4" HOLE WITH  
A PLATE OR REBAR CONNECTED  
INSIDE THE CONC. SECTION TO  
PROVIDE ADEQUATE BEARING AREA  
OR A LIFTING ASSEMBLY DEVICE  
MAY BE USED TO GIVE 3 LIFT  
POINTS, HOOKS CONNECTED  
DIRECTLY TO CONCRETE IS NOT  
PERMITTED, DAMAGE FROM  
IMPROPER HANDLING SHALL  
BE CAUSE FOR REJECTION.



FRONT

NOTE: DO NOT CUT CONCRETE PIPE. USE FULL LENGTH SECTIONS ONLY.  
WARP SLOPE TO CONFORM WITH PIPE LENGTH AND END SECTION.



SECTION X-X

REINFORCING CAGE:

- (1) WIRE FABRIC HAVING EQUAL STEEL AREA AS INNER CAGE FOR CLASS II PIPE, AASHTO M-170.  
(2) ALTERNATE: # 3 BARS SPACED 12" LONGITUDINALLY WITH # 2 BARS TRANSVERSELY AT 6" O.C.  
MAX. SPACING, SPOT WELDED OR TIED TO FORM CAGE. (BACK RODS MAY BE OMITTED.)

NOTE "A":

CONTRACTOR WILL INFORM PRODUCER IF CONCRETE FLARED END SECTION IS FOR  
INLET OR FOR OUTLET END. SOCKET (TONGUE OR SPIGOT) END IS REQUIRED FOR INLETS.  
HUB (GROOVE OR BELL) END IS REQUIRED FOR OUTLETS. SOCKET TO SOCKET OR HUB TO  
HUB JOINT WILL NOT BE ACCEPTED UNLESS A REINFORCED CONCRETE COLLAR IS  
BUILT AROUND THE JOINT WITH NO PAYMENT BEING MADE FOR THE COLLAR.  
FLARED END SECTIONS SHALL BE JOINED TO PIPE WITH ALL SPACE IN THE JOINT FILLED WITH EITHER BITUMINOUS  
PLASTIC CEMENT OR PREFORMED PLASTIC GASKET (SEC. 848).

WALL THICKNESS (T) IS SHOWN AS NOMINAL AND MAY BE INCREASED AT PRODUCER'S OPTION FOR DESIRED JOINT  
DESIGN OR TO ALLOW A FLAT OUTSIDE BOTTOM ON THE FLARE, WITH INSIDE DIMENSIONS OF FLARE RETAINED AS SHOWN.  
T = PIPE WALL THICKNESS ( 0.0833D + 1"± TYPICAL)

| DIMENSIONS AND REINFORCING FOR CONCRETE<br>FLARED END SECTIONS (± 1" TOLERANCE) |                |              |            |     |      |       |      |      |      |      |       | OUTLET<br>TOEWALL<br>(IF REQ'D) |                  |
|---------------------------------------------------------------------------------|----------------|--------------|------------|-----|------|-------|------|------|------|------|-------|---------------------------------|------------------|
| PIPE<br>DIA                                                                     | FRONT<br>BAR   | BACK<br>RODS | SLOPE<br>± | A   | B    | C     | L    | E    | P    | R1   | R2    | K ±<br>E + 2'                   | CULVRS.<br>CONC. |
| 12"                                                                             | 1-#3 x 5' 4"   | NOT REQ'D.   | 2.2%       | 4"  | 2'0" | 4'1"  | 6'1" | 2'0" | 1'8" | 10"  | 9"    | 4'-0"                           | .148             |
| 15"                                                                             | 1-#3 x 6' 0"   | NOT REQ'D.   | 2.2%       | 6"  | 2'3" | 3'10" | 6'1" | 2'6" | 2'0" | 1'0" | 11"   | 4'-6"                           | .167             |
| 18"                                                                             | 1-#3 x 7' 2"   | NOT REQ'D.   | 2.2%       | 9"  | 2'3" | 3'10" | 6'1" | 3'0" | 2'5" | 1'4" | 1'0"  | 5'-0"                           | .185             |
| 24"                                                                             | 1-#3 x 9' 10"  | NOT REQ'D.   | 2.4%       | 10" | 3'8" | 2' 6" | 6'2" | 4'0" | 2'9" | 1'5" | 1'2"  | 6'-0"                           | .222             |
| 30"                                                                             | 1-#4 x 11' 8"  | NOT REQ'D.   | 2.4%       | 12" | 4'6" | 1' 8" | 6'2" | 5'0" | 3'1" | 1'6" | 1'3"  | 7'-0"                           | .259             |
| 36"                                                                             | 1-#4 x 13' 10" | 2-#4 x 6' 3" | 2.4%       | 15" | 5'3" | 2'11" | 8'2" | 6'0" | 4'0" | 2'0" | 1'8"  | 8'-0"                           | .296             |
| 42"                                                                             | 1-#4 x 13' 10" | 2-#4 x 7' 4" | 2.4%       | 21" | 5'3" | 2'11" | 8'2" | 6'6" | 4'6" | 2'4" | 1'10" | 8'-6"                           | .315             |

NOTE: SPECIFIED REINFORCING IS MINIMAL AND MAY BE INCREASED AT PRODUCERS OPTION TO  
AID CASTING & HANDLING. ALTERNATE REINFORCEMENT PERMITTED IF APPROVED.

\* NOTE: "C" AND "L" DIMENSION MAY BE MEASURED TO EITHER END OF JOINT  
CONNECTION AT PIPE.

METAL FLARED END SECTION

(USE ONLY WITH COR. METAL PIPE)

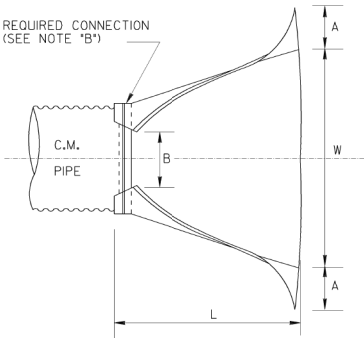
| STATE | PROJECT NUMBER | SHEET NO. | TOTAL SHEETS |
|-------|----------------|-----------|--------------|
| GA.   |                |           |              |

NOTE: GALVANIZED STEEL FLARED END SECTIONS ARE TO BE USED  
ONLY WITH CORRUGATED STEEL PIPE AND ALUMINUM FLARED  
END SECTIONS ARE TO BE USED ONLY WITH CORRUGATED  
ALUMINUM PIPE UNLESS OTHERWISE APPROVED BY D.O.T.  
OFFICE OF MATERIALS AND TESTS.

FLARED END SECTION DIMENSIONS

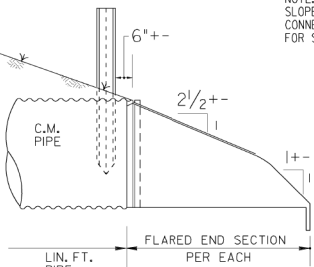
| PIPE<br>SIZE<br>"D" | THICKNESS      |       | A<br>± 0.4D<br>± 1" | B<br>± 0.5 D<br>± 1" | H<br>± 0.25D<br>± 1"<br>(MIN. 6") | L<br>L=1.67D<br>± 1 1/2' | W<br>W=2.0D<br>± 2' |
|---------------------|----------------|-------|---------------------|----------------------|-----------------------------------|--------------------------|---------------------|
|                     | GALV.<br>STEEL | ALUM. |                     |                      |                                   |                          |                     |
| 12"                 | .064"          | .060" | 5'                  | 6'                   | 6'                                | 1'8"                     | 2'0"                |
| 15"                 | .064"          | .060" | 6'                  | 7'                   | 6'                                | 2'3"                     | 2'6"                |
| 18"                 | .064"          | .060" | 7'                  | 9'                   | 6'                                | 2'6"                     | 3'0"                |
| 24"                 | .064"          | .060" | 9'                  | 1'0"                 | 6'                                | 3'4"                     | 4'0"                |
| 30"                 | .079"          | .085" | 1'0"                | 1'3"                 | 7'                                | 4'2"                     | 5'0"                |
| 36"                 | .079"          | .085" | 1'2"                | 1'6"                 | 9'                                | 5'0"                     | 6'0"                |
| 42"                 | .099"          | .164" | 1'5"                | 1'9"                 | 10'                               | 5'10"                    | 7'0"                |

NOTE: WHERE METAL FLARED END SECTIONS ARE USED WITH MULTIPLE PIPE LINES, THE STANDARD SPACING  
BETWEEN PIPES (S=D OR 3 FT.) MAY HAVE TO BE INCREASED (S=1.75 D TYPICAL). TO PREVENT OVER-  
LAP OF END SECTION WINGTIPS, SEE ALSO STD. 10300.

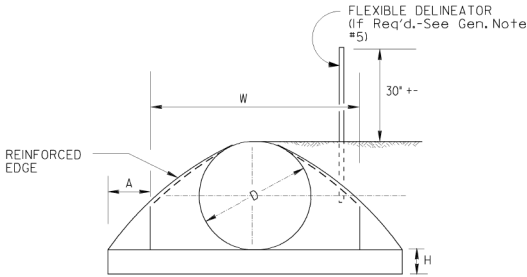


PLAN

NOTE: SLOPE DRAIN PIPES WILL REQUIRE AN ELBOW FOR  
CONNECTION TO THE FLARED END SECTION. PAYMENT  
FOR SLOPE DRAIN PIPE WILL INCLUDE THIS ELBOW.



SIDE



FRONT

NOTE "B":

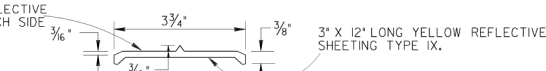
THE CONNECTION BETWEEN METAL FLARED END SECTION AND C.M. PIPE WILL BE ONE OF THE  
FOLLOWING:

- (a) A STRAP BAND OR THREADED ROD PROVIDED BY THE MANUFACTURER WILL LOCK END SECTION  
ONTO PIPE. A CORRUGATION AT THE PIPE AND WILL BE NON-SPIRALED (PERPENDICULAR  
TO CL OF PIPE.)
- (b) A DIMPLE BAND COLLAR WILL BE SHOP BOLTED TO END SECTION. PIPE WILL BE INSERTED  
INTO BAND COLLAR TO MEET THE END SECTION.
- (c) A STUB PIPE WILL BE RIVETED TO THE END SECTION AND THE MAIN PIPE CONNECTED TO  
THE STUB WITH A NORMAL CONNECTING BAND.
- (d) OTHER TYPE CONNECTION IF RECOMMENDED BY MANUFACTURER AND APPROVED BY THE  
D.O.T.

GENERAL NOTES :

1. TOEWALLS ARE REQ'D. FOR OUTLETS OF CONC. STORM DRAINS, EXCEPT WHERE DITCH PAVING OR OTHER EROSION PROTECTION  
IS PROVIDED OR WHERE THE OUTLET VELOCITY IS LESS THAN 8 FT/SEC. TOEWALLS ARE NOT REQUIRED FOR SIDE DRAINS,  
SLOPE DRAINS OR INLETS OF STORM DRAINS THIS CRITERIA MAY BE VARIED WHERE SPECIFIED BY THE DESIGNER OR THE ENGINEER.
2. TOEWALLS WILL BE PAID FOR AS CULVRS. OF CLASS "A" OR "B" CONCRETE. CONTRACTOR MAY ELECT TO CONSTRUCT TOE WALL WITH  
"SAND CEMENT RAG RIPRAP OR STONE RIPRAP TO SAME MINIMUM DIMENSIONS WITH NO ADDITIONAL PAYMENT.
3. PRECAST TOEWALLS SHALL BE CL. "A" CONCRETE; CAST-IN-PLACE TOEWALLS MAY BE CL. "A" OR "B" CONCRETE AND MAY BE TRENCH FORMED. WHERE PLANS ITEMIZE ONE  
CLASS OF CONCRETE AND CONTRACTOR ELECTS TO USE OTHER CLASS, NO ADDITIONAL PAYMENT IS MADE. NO PAYMENT IS MADE FOR STEEL IN TOEWALL.
4. CENTERLINE OF FLARED END SECTION WILL ALIGN WITH CENTERLINE OF PIPE, IF PIPE IS SKEWED, THE EMBANKMENT SLOPE WILL BE  
WARPED TO CONFORM WITH END SECTION.
5. FLEXIBLE DELINEATORS SHALL BE REQUIRED AT CROSS DRAIN FLARED END SECTIONS, BOTH INLET AND OUTLET. PAY-  
MENT FOR FLARED END SECTION WILL INCLUDE DELINEATORS, SEE DETAIL AND NOTES BELOW. DELINEATORS NOT REQ'D.  
FOR SIDE DRAIN, SLOPE DRAIN, OR LONG PIPE.

1' X 12" LONG YELLOW REFLECTIVE  
SHEETING TYPE IX, ON EACH SIDE  
OF RIDGE.



DELINEATOR POST SECTION (TYP.)

NOTE:  
DELINEATOR POST SHALL CONFORM TO SEC. 910 FOR FLEXIBLE DELINEATOR POST EXCEPT REFLECTIVE SHEETING IS NOT REQUIRED  
AND LENGTH IS 4'-6" FROM TOP TO BOTTOM POINT. ALTERNATES PERMITTED IF APPROVED BY D.O.T. LABORATORY.

SPECIAL NOTE :

PIPE SIZES (D) ARE "NOMINAL" MINIMUM INSIDE DIAMETERS IN ACCORDANCE WITH GEORGIA  
STANDARD FOR PIPE CULVERTS. "D" DIMENSION FOR FLARED END SECTION SHALL EQUAL THE  
"D" DIMENSION FOR CONNECTING PIPE CULVERT.

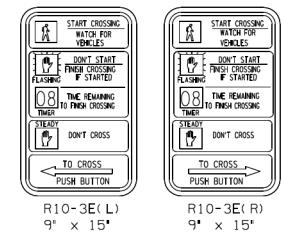
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|  |  |  | 6-9-06                   | DATE     | DEPARTMENT OF TRANSPORTATION<br>STATE OF GEORGIA                                                          |                |
|  |  |  | REV. REFLECTIVE SHEETING | REVISION | STANDARD<br>FLARED END SECTIONS<br>FOR PIPES                                                              |                |
|  |  |  |                          |          | NO SCALE                                                                                                  |                |
|  |  |  |                          |          | REV. & REDR. SEPT., 1999                                                                                  |                |
|  |  |  | GLO                      | BY       | DES. (SUBMITTED) <i>B. A. H.</i><br>REV. <i>B. A. H.</i><br>RETR. <i>B. A. H.</i><br>CHK. <i>B. A. H.</i> | NUMBER<br>1120 |
|  |  |  |                          |          | STATE ROAD & AIRPORT DESIGN ENGINEER<br>(APPROVED) <i>O. S. H.</i><br>CHIEF ENGINEER                      |                |

REVISION DATES

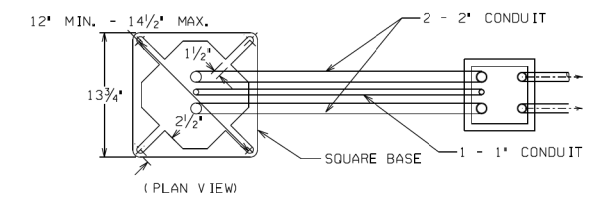
GEORGIA STANDARDS

LAURELWOOD CONNECTOR MULTI-USE PATH  
TOWN OF TYRONE, GA

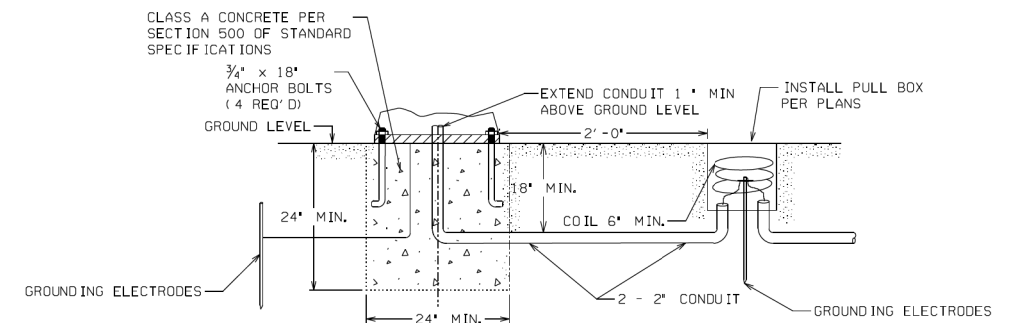
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### PEDESTRIAN SIGNAL HEAD ORIENTATION FOR SIDE OF POLE MOUNTING



CROSS SECTION A-A



TYPICAL PEDESTRIAN  
PEDESTAL FOUNDATION

PEDESTRIAN  
SIGNAL PEDESTAL

NOTE: SEE TS-06  
FOR GROUNDING  
DETAILS

|  |  |  |  |          |                                                              |                 |
|--|--|--|--|----------|--------------------------------------------------------------|-----------------|
|  |  |  |  | DATE     | DEPARTMENT OF TRANSPORTATION<br>STATE OF GEORGIA             |                 |
|  |  |  |  | REVISION | CONSTRUCTION DETAIL<br>PEDESTRIAN FACILITIES<br>INSTALLATION |                 |
|  |  |  |  | BY       | NOVEMBER 2020<br>NO SCALE                                    | NUMBER<br>TS-03 |

SPAN WIRE GROUNDING

PLAN VIEW GROUNDING

GROUNDING DETAIL A

OPTIONAL: IF DEPTH CANNOT  
BE OBTAINED, INSTALL  
HORIZONTAL PER SECTION 647

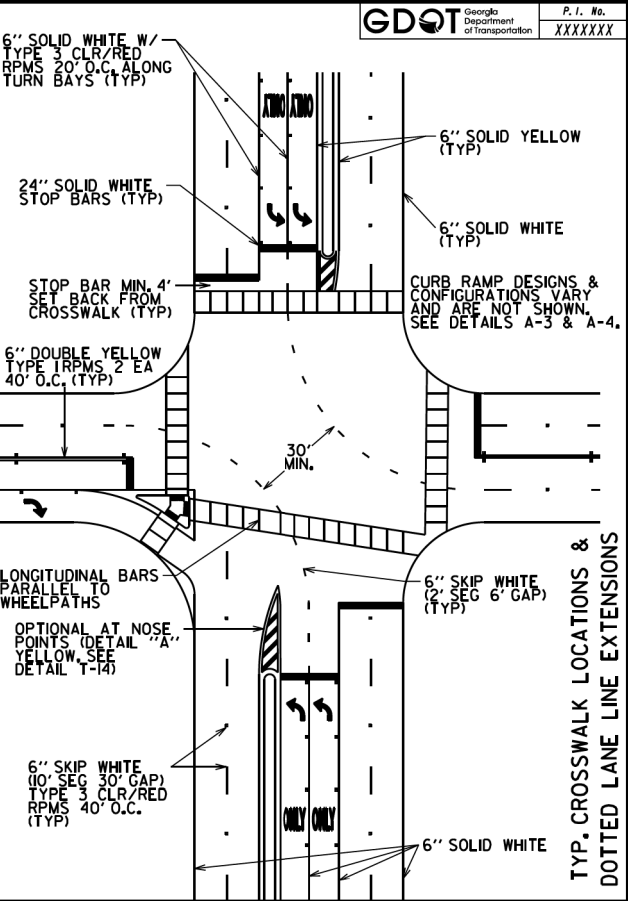
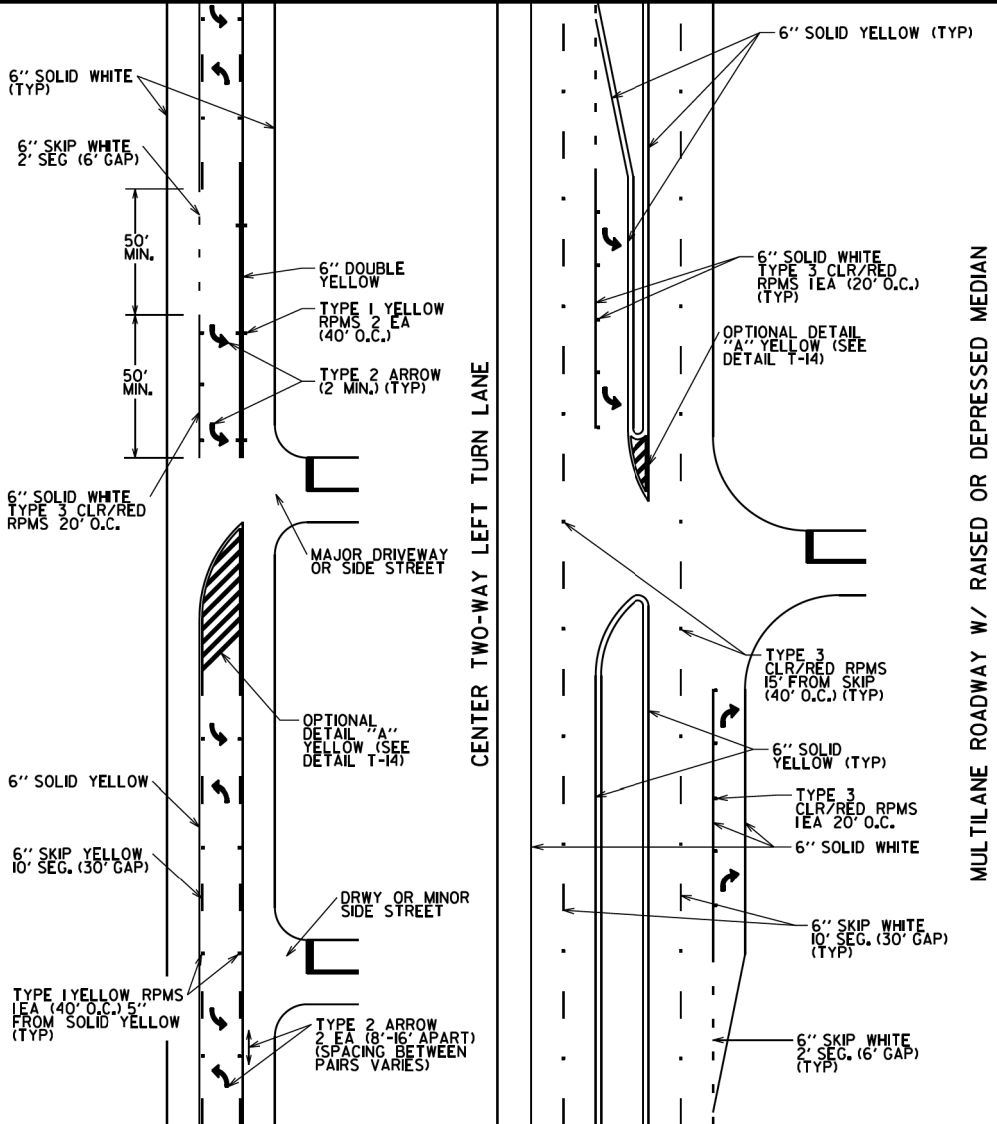
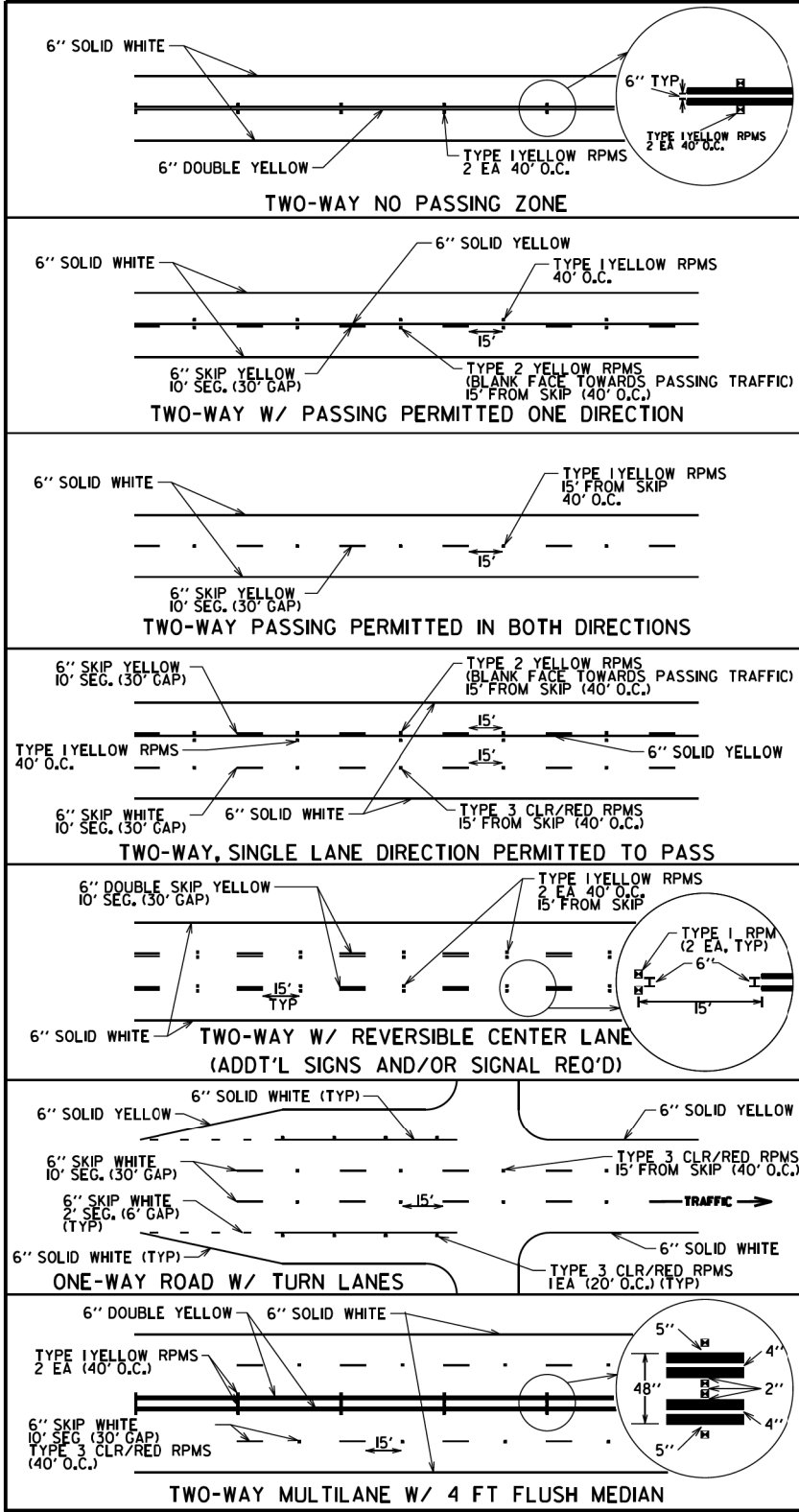
## STEEL STRAIN POLE GROUNDING WITH PULLBOX OPTION

## CONCRETE STRAIN POLE GROUNDING WITH PULLBOX OPTION

|  |  |  |  |          |                              |        |
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|  |  |  |  | DATE     | DEPARTMENT OF TRANSPORTATION |        |
|  |  |  |  |          | STATE OF GEORGIA             |        |
|  |  |  |  | REVISION | CONSTRUCTION DETAIL          |        |
|  |  |  |  |          | GROUNDING FOR TRAFFIC        |        |
|  |  |  |  |          | SIGNAL SUPPORT STRUCTURES    |        |
|  |  |  |  | BY       | NOVEMBER 2020                | NUMBER |
|  |  |  |  |          | NO SCALE                     | TS-06  |

|                |  |  |                                                                                       |  |       |             |
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| REVISION DATES |  |  | <b>GEORGIA STANDARDS</b><br>LAURELWOOD CONNECTOR MULTI-USE PATH<br>TOWN OF TYRONE, GA |  |       |             |
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- GENERAL NOTES:**
1. LONGITUDINAL PAVEMENT MARKINGS ON CONCRETE SURFACES SHALL INCLUDE CONTRAST. REFER TO DETAIL T-11B FOR DETAILS OF CONTRAST PAVEMENT MARKINGS AND RAISED PAVEMENT MARKER (RPM) PLACEMENT ON LIMITED ACCESS ROADWAYS.
  2. SPACING BETWEEN ADJACENT LONGITUDINAL LINES SHALL BE MEASURED CENTER TO CENTER UNLESS OTHERWISE DEPICTED IN THIS DETAIL (I.E. 4 FT FLUSH MEDIANS & CROSSWALKS). SPACING BETWEEN DOUBLE YELLOW LINES SHALL EQUAL TO LANE WIDTH IN INCHES (12" TYP. C-C).
  3. EDGE LINES SHALL BE PLACED 4" FROM NORMAL EDGE OF PAVEMENT.
  4. LONGITUDINAL STRIPING SHALL BE PLACED MIN. 2" FROM ADJACENT PAVEMENT JOINTS.
  5. REFER TO DETAIL T-15C FOR DESIGN OF RPMS
  6. TYPE 1 YELLOW RPMS SHALL BE PLACED 40' ON CENTER.
  7. RPMS SHALL BE PLACED 5" Laterally (EDGE TO EDGE) FROM NEAREST ADJACENT LONGITUDINAL STRIPE UNLESS OTHERWISE NOTED.
  8. THE CLEAR FACE OF TYPE 3 CLR/RED RPMS SHALL BE ORIENTED TOWARDS NORMAL APPROACHING TRAFFIC

| DEPARTMENT OF TRANSPORTATION<br>STATE OF GEORGIA                           |                      |          |              |  |
|----------------------------------------------------------------------------|----------------------|----------|--------------|--|
| CONSTRUCTION DETAIL                                                        |                      |          |              |  |
| PAVEMENT MARKING & RAISED PAVEMENT MARKER PLACEMENT; CONVENTIONAL ROADWAYS |                      |          |              |  |
| MAINT. REV. 3                                                              | RPMS, X-WALK         | DATE     | JANUARY 2000 |  |
| ADDED GENERAL NOTE 3                                                       | ADDED 6" STRIPING    | REVISION | NOT TO SCALE |  |
| ADDED GENERAL NOTE 4                                                       | ADDED GENERAL NOTE 4 | DATE     | NUMBER T-11A |  |
| RCA                                                                        | ACP                  | CDR      |              |  |
| BY                                                                         |                      |          |              |  |

REVISION DATES

**GEORGIA STANDARDS**  
LAURELWOOD CONNECTOR MULTI-USE PATH  
TOWN OF TYRONE, GA

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| CODE | PRACTICE<br>STD OR DETAIL<br>SPEC. SECT.              | DETAIL | DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|------|-------------------------------------------------------|--------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|      | ORANGE<br>BARRIER<br>FENCE                            |        | ORANGE BARRIER FENCE DELINEATES ENVIRONMENTALLY SENSITIVE AREAS WHERE THE CONTRACTOR SHALL NOT CLEAR, GRUB, OR PLACE CONSTRUCTION MATERIALS OR EQUIPMENT WITHIN THIS AREA.                                                                                                                                                                                                                                                                                |
|      | LINE CODE<br><br>ORANGE BARRIER FENCE                 |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| ESA  | ENVIRONMENTALLY<br>SENSITIVE AREA                     |        | AN ENVIRONMENTALLY SENSITIVE AREA (ESA) CONTAINS RESOURCES THAT ARE ENVIRONMENTALLY, CULTURALLY, OR HISTORICALLY SENSITIVE. ESAs INCLUDE, BUT ARE NOT LIMITED TO: STATE WATER BUFFERS, HISTORIC SITES, ARCHAEOLOGICAL SITES, AND PROTECTED ANIMAL AND PLANT SPECIES HABITATS.<br><br>IF WORK IS AUTHORIZED IN THIS AREA, THE WORK MUST BE PERFORMED IN ACCORDANCE WITH SECTION 107 AND ANY OTHER APPLICABLE SPECIAL PROVISIONS AND APPLICABLE PLAN NOTES. |
|      | LINE CODE<br><br>ESA-25' (OR 50') STREAM BUFFER, ETC. |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Bf   | BUFFER ZONE                                           |        | A STRIP OF UNDISTURBED ORIGINAL VEGETATION, ENHANCED OR RESTORED EXISTING VEGETATION, OR THE RE-ESTABLISHMENT OF VEGETATION SURROUNDING AN AREA OF DISTURBANCE OR BORDERING STREAMS, PONDS, WETLANDS, LAKES, AND COASTAL WATERS.<br><br>WHEN NECESSARY, BUFFER ZONES ARE TO BE PROTECTED BY ORANGE BARRIER FENCE.                                                                                                                                         |
|      | SYMBOL<br>                                            |        |                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Ds1  | MULCH<br><br>SECTION 163                              |        | THIS IS AN APPLICATION OF STRAW MULCH USED TO REDUCE SOIL EROSION AND STABILIZE THE SOIL. IT IS USED TO CONTROL EROSION IN AREAS WHERE PERMANENT VEGETATION IS OUT OF SEASON OR TO TEMPORARILY STABILIZE AREAS PRIOR TO FINAL GRADING.<br><br>MULCHING REQUIREMENTS ARE ADDRESSED BY STANDARD SPECIFICATIONS AND/OR THE PROJECT ENGINEER.                                                                                                                 |
|      | SYMBOL<br>                                            |        | THE BMP SYMBOL FOR APPLICABLE AREAS AND/OR A NOTE SHALL BE INCLUDED ON APPLICABLE SHEETS IN SECTION 54.                                                                                                                                                                                                                                                                                                                                                   |
| Ds2  | TEMPORARY<br>GRASSING<br><br>SECTION 163, 700         |        | THE SOWING OF A QUICK GROWING SPECIES OF GRASS SUITABLE TO THE AREA AND SEASON. IT IS TYPICALLY USED TO CONTROL EROSION IN AREAS LONGER THAN MULCHING IS EXPECTED TO LAST.<br><br>TEMPORARY GRASSING SHOULD BE USED ON ALL PROJECTS ACCORDING TO THE STANDARD SPECIFICATIONS.                                                                                                                                                                             |
|      | SYMBOL<br>                                            |        | THE BMP SYMBOL FOR APPLICABLE AREAS AND/OR A NOTE SHALL BE INCLUDED ON APPLICABLE SHEETS IN SECTION 54.                                                                                                                                                                                                                                                                                                                                                   |

| CODE  | PRACTICE<br>STD OR DETAIL<br>SPEC. SECT.                       | DETAIL | DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                          |
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| Ds3   | PERMANENT<br>GRASSING<br><br>SECTION 700                       |        | THE SOWING OF PERMANENT VEGETATION, SUCH AS GRASS, SUITABLE TO THE AREA AND SEASON.<br><br>PERMANENT VEGETATION SHALL BE USED ON ALL PROJECTS ACCORDING TO THE STANDARD SPECIFICATION.<br><br>THE BMP SYMBOL FOR APPLICABLE AREAS AND/OR A NOTE SHALL BE INCLUDED ON APPLICABLE SHEETS IN SECTION 54.                                                                                                                                |
|       | SYMBOL<br>                                                     |        |                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Ds4   | SODDING<br><br>CONSTRUCTION<br>DETAIL D-54<br>SECTION 700, 890 |        | THE INSTALLATION OF A SPECIES OF GRASS SODDING SUITABLE TO THE AREA AND SEASON TO PROVIDE IMMEDIATE PERMANENT VEGETATION.<br><br>SODDING MAY BE SHOWN FOR HIGHLY SENSITIVE AREAS, TO IMPROVE AESTHETICS, OR FOR SPECIAL PLANTING REQUIREMENTS ON THE BASIS OF ENVIRONMENTAL COMMITMENTS OR LANDSCAPING REQUIREMENTS.                                                                                                                 |
|       | PATTERN<br>                                                    |        | THE BMP PATTERN FOR APPLICABLE AREAS AND/OR A NOTE SHALL BE INCLUDED ON APPLICABLE SHEETS IN SECTION 54.                                                                                                                                                                                                                                                                                                                             |
| F1-Co | FLOCCULANTS<br>COAGULANTS<br><br>SECTION 163, 700,<br>895      |        | FLOCCULANTS AND COAGULANTS ARE USED TO SETTLE SUSPENDED SEDIMENT, HEAVY METALS, AND HYDROCARBONS (TSS) IN SLOW MOVING RUNOFF FROM CONSTRUCTION SITES FOR WATER CLARIFICATION.<br><br>ANIONIC POLYACRYLAMIDES (PAM) MAY BE USED IN CONJUNCTION WITH BMPs WITHIN CHANNELS UPSTREAM OF A POST-CONSTRUCTION POND, TEMPORARY SEDIMENT BASIN, OR TEMPORARY SEDIMENT TRAP. FLOCCULANTS SHALL NOT BE USED DOWNSTREAM OF AFOREMENTIONED BMPs! |
|       | SYMBOL<br>                                                     |        | FLOCCULANTS/COAGULANTS ARE TO BE SHOWN ON PLANS WITH APPLICABLE BMP IF NEEDED. PAYMENT FOR PAM AS A FLOCCULANT WILL BE INCLUDED IN THE PRICE FOR THE INSTALLATION AND/OR MAINTENANCE OF THE BMP IT IS USED IN CONJUNCTION WITH. NO SEPARATE PAYMENT WILL BE MADE.                                                                                                                                                                    |
| Sb    | STREAMBANK<br>STABILIZATION<br><br>SECTION 702                 |        | STREAMBANK STABILIZATION IS THE USE OF READILY AVAILABLE NATIVE PLANT MATERIALS TO MAINTAIN AND ENHANCE STREAMBANKS, OR TO PREVENT, OR RESTORE AND REPAIR SMALL STREAMBANK EROSION PROBLEMS.                                                                                                                                                                                                                                         |
|       | PATTERN<br>                                                    |        | STREAMBANK STABILIZATION AREAS SHOULD BE SHOWN ON THE PLANS WHEN APPLICABLE TO THE PROJECT. REFER TO THE PROJECT'S STREAM AND STREAM BUFFER MITIGATION PLANS FOR PLANT SPECIES, LOCATIONS, AND OTHER PLANTING DETAILS.                                                                                                                                                                                                               |

NOTE:

1. DO NOT USE EROSION CONTROL ITEMS IN A FLOWING STREAM OR IN A TIDAL AREA BELOW HIGH TIDE.
2. FOR ADDITIONAL INFORMATION ON THE DESIGN AND APPLICATION OF EROSION AND SEDIMENT CONTROL BEST MANAGEMENT PRACTICES (BMPs), REFER TO THE LATEST EDITION OF THE GEORGIA SOIL AND WATER CONSERVATION COMMISSION'S, "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA".

REVISION DATES

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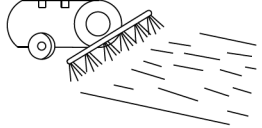
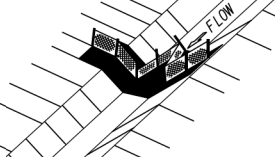
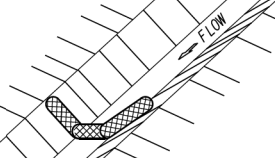
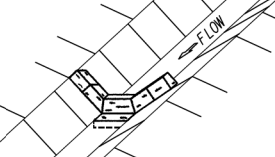
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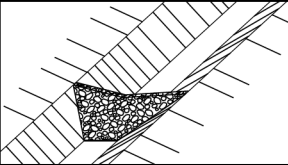
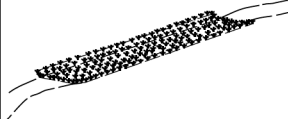
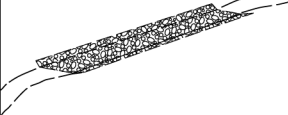
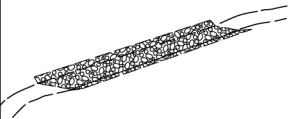
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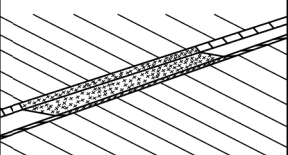
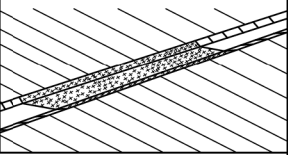
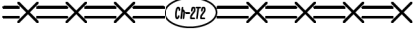
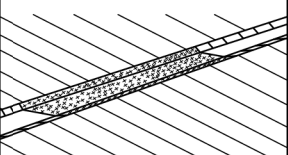
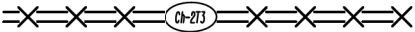
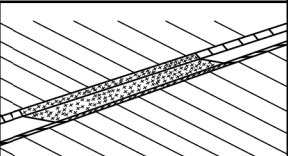
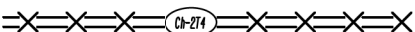
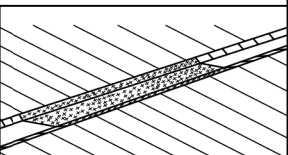
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| Ss    | SLOPE<br>STABILIZATION<br><br>CONSTRUCTION<br>DETAIL D-35<br>SECTION 716                                      |    | SLOPE STABILIZATION (EROSION CONTROL MATTING) IS A PROTECTIVE COVERING USED TO PREVENT EROSION AND ESTABLISH TEMPORARY OR PERMANENT VEGETATION ON STEEP SLOPES, SHORE LINES, OR CHANNELS.<br><br>SLOPE STABILIZATION MAY BE A ROLLED EROSION CONTROL PRODUCT (RECP) OR A HYDRAULIC EROSION CONTROL PRODUCT (HECP).<br><br>SLOPE STABILIZATION SHALL BE USED ON ALL CUT OR FILL SLOPES OF 2.5:1 OR STEEPER AND WITHIN 50 FEET OF ALL CROSS DRAINS AND CULVERTS.<br><br>NOTE: ONLY COCONUT FIBER BLANKET OR WOOD FIBER BLANKET SHALL BE USED AS SLOPE STABILIZATION WITHIN BUFFERED AREAS.                                                                              |
|       | PATTERN<br>                  |                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Tac   | TACKIFIERS<br><br>SECTION 163,<br>700, 895                                                                    |    | TACKIFIERS HYDRATE IN WATER AND READILY BLEND WITH OTHER SLURRY MATERIALS AND ARE USED TO TIE-DOWN FOR SOIL, COMPOST, SEED, STRAW, HAY OR MULCH.<br><br>TACKIFIERS REQUIREMENTS, SUCH AS ANIONIC POLYACRYLAMIDES (PAM) ARE ADDRESSED BY STANDARD SPECIFICATIONS AND ARE NOT TYPICALLY SHOWN ON THE PLANS. PAM IS TYPICALLY USED BY THE CONTRACTOR FOR TEMPORARY OR PERMANENT GRASSING.<br><br>REFER TO THE LATEST EDITION OF THE "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA" FOR CRITERIA.                                                                                                                                                                   |
|       | SYMBOL<br><br>POLYACRYLAMIDE |                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Cd-F  | FABRIC<br>CHECK DAM<br><br>CONSTRUCTION<br>DETAIL D-24D<br>SECTION 171                                        |    | A CHECK DAM COMPOSED OF SYNTHETIC FIBER FABRIC, WIRE REINFORCED, POST, OVERFLOW WEIR, AND TURF REINFORCEMENT MATTING (TRM) SPLASHPAD PLACED IN DITCHES IN A SPECIAL CONFIGURATION WHICH CONTROLS ENERGY DISSIPATION AND FILTRATION OF STORM WATER. SEE CONSTRUCTION DETAIL D-24D FOR ADDITIONAL INFORMATION AND SPACING REQUIREMENTS.<br><br>THIS ITEM IS SUITABLE FOR USE IN ROADSIDE DITCHES THAT ARE PART OF INFRASTRUCTURE CONSTRUCTION PROJECTS AND WITHIN THE CLEAR ZONE.<br><br>IF THIS ITEM IS USED IN AN AREA WITH FLOWS GREATER THAN 2.0-CFS OR WITHOUT A SEDIMENT BASIN, A MINIMUM OF ONE ROCK FILTER DAM SHALL BE USED AT THE DOWNSTREAM DISCHARGE POINT. |
|       | SYMBOL<br>                 |                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Cd-Fs | COMPOST<br>FILTER SOCK<br>CHECK DAM<br><br>CONSTRUCTION<br>DETAIL D-52<br>SECTION 163                         |  | A COMPOST FILTER SOCK CHECK DAM IS COMPOSED OF A PHOTODEGRADABLE OR BIODEGRADABLE KNITTED MESH MATERIAL CONTAINING A WEED FREE FILLER MATERIAL DERIVED FROM A WELL-DECOMPOSED SOURCE OF ORGANIC MATTER. THEY SHALL BE PROPERLY STAKED FOR DITCH APPLICATIONS.<br><br>REFER TO THE LATEST EDITION OF THE "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA" FOR MATERIAL SPECIFICATIONS.<br><br>IF THIS ITEM IS USED IN AN AREA WITH FLOWS GREATER THAN 2.0-CFS OR WITHOUT A SEDIMENT BASIN, A MINIMUM OF ONE ROCK FILTER DAM SHALL BE USED AT THE DOWNSTREAM DISCHARGE POINT.                                                                                       |
|       | SYMBOL<br>                 |                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Cd-Hb | BALED STRAW<br>CHECK DAM<br><br>CONSTRUCTION<br>DETAIL D-52<br>SECTION 163                                    |  | A BALE STRAW CHECK DAM IS COMPOSED OF BALES PREFERABLY BOUND WITH WIRE OR NYLON INSTEAD OF TWINE. BALES SHOULD BE PLACED IN ROWS WITH BALE ENDS TIGHTLY ABUTTING ADJACENT BALES. THE DOWNSTREAM ROW OF BALES SHALL BE PLACED IN A TRENCH TO ALLOW THE TOP OF THE BALE'S LONG, WIDE SIDE TO BE LEVEL WITH THE GROUND AS A NON-ERODIBLE SPLASHPAD. PROPER STAKING IS ALSO REQUIRED FOR DITCH APPLICATIONS.<br><br>IF THIS ITEM IS USED IN AN AREA WITH FLOWS GREATER THAN 2.0-CFS OR WITHOUT A SEDIMENT BASIN, A MINIMUM OF ONE ROCK FILTER DAM SHALL BE USED AT THE DOWNSTREAM DISCHARGE POINT.                                                                        |
|       | SYMBOL<br>                 |                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |

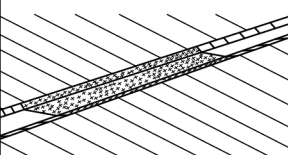
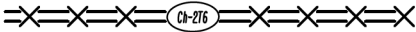
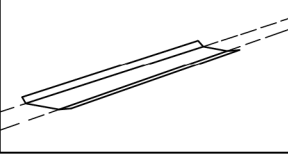
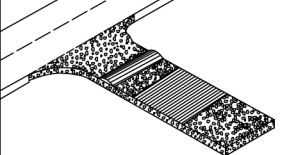
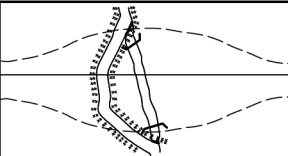
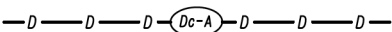
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| Cd-S   | STONE CHECK DAM<br>OR<br>SANDBAG CHECK DAM<br><br>CONSTRUCTION<br>DETAIL D-56<br>SECTION 163, 603  |    | STONE CHECK DAMS ARE CONSTRUCTED OF TYPE-3 RIP-RAP WITH GEOTEXTILE UNDERLINER. STONE CHECK DAMS ARE PREFERRED IN ROADWAY DITCHES OUTSIDE THE CLEAR ZONE. CONSIDERATION SHOULD BE GIVEN TO USING OTHER APPROPRIATE CHECK DAMS AND/OR BMPs WITHIN THE CLEAR ZONE.<br><br>SANDBAG CHECK DAMS ARE RECOMMENDED IN CONCRETE LINED CHANNELS FOR TEMPORARY VELOCITY CONTROL ONLY. ENSURE DISCHARGE POINT IS PROPERLY STABILIZED AND INCLUDE APPROPRIATE BMPs FOR SEDIMENT STORAGE UPSTREAM AND/OR DOWNSTREAM OF CONCRETE LINED CHANNELS.<br><br>IF THIS ITEM IS USED IN AN AREA WITH FLOWS GREATER THAN 2.0-CFS OR WITHOUT A SEDIMENT BASIN, A MINIMUM OF ONE ROCK FILTER DAM SHALL BE USED AT THE DOWNSTREAM DISCHARGE POINT. |
|        | SYMBOL<br>      |                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Ch-1   | VEGETATED CHANNEL<br>STABILIZATION<br><br>SECTION 700                                              |    | A NEW OR EXISTING CHANNEL MAY BE LINED WITH PERMANENT VEGETATION ONLY FOR VELOCITIES UP TO 5.0 fps. THIS MEASURE SHALL BE DESIGNED IN ACCORDANCE WITH THE GDOT CHANNEL LINING DESIGN PROGRAM. ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED.<br><br>TYPICALLY NOT SHOWN IN PLANS.                                                                                                                                                                                                                                                                                                                                                                                                                                |
|        | LINE CODE<br>   |                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Ch-2R1 | CHANNEL<br>STABILIZATION<br>RIP-RAP, TYPE 1<br><br>CONSTRUCTION<br>DETAIL D-49<br>SECTION 603      |    | THIS ITEM CONSISTS OF LINING A CHANNEL WITH TYPE 1 RIP-RAP 24" THICK (UNLESS SPECIFIED OTHERWISE) PLACED ON TOP OF A GEOTEXTILE UNDERLINER. THE RIP-RAP SHALL PROTECT THE CHANNEL FLOWING TO A DEPTH "Dp" RECOMMENDED BY THE GDOT CHANNEL LINING PROGRAM. ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED.<br><br>"Dp" SHALL BE IDENTIFIED IN A TABLE LOCATED ON THE SUMMARY OF QUANTITIES SHEETS AND IN THE EROSION, SEDIMENTATION, AND POLLUTION CONTROL PLAN.                                                                                                                                                                                                                                                   |
|        | LINE CODE<br> |                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Ch-2R3 | CHANNEL<br>STABILIZATION<br>RIP-RAP, TYPE 3<br><br>CONSTRUCTION<br>DETAIL D-49<br>SECTION 603      |  | THIS ITEM CONSISTS OF LINING A CHANNEL WITH TYPE 3 RIP-RAP 24" THICK (UNLESS SPECIFIED OTHERWISE) PLACED ON TOP OF A GEOTEXTILE UNDERLINER. THE RIP-RAP SHALL PROTECT THE CHANNEL FLOWING TO A DEPTH "Dp" RECOMMENDED BY THE GDOT CHANNEL LINING PROGRAM. ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED.<br><br>"Dp" SHALL BE IDENTIFIED IN A TABLE LOCATED ON THE SUMMARY OF QUANTITIES SHEETS AND IN THE EROSION, SEDIMENTATION, AND POLLUTION CONTROL PLAN.                                                                                                                                                                                                                                                   |
|        | LINE CODE<br> |                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |

NOTE:

1. DO NOT USE EROSION CONTROL ITEMS IN A FLOWING STREAM OR IN A TIDAL AREA BELOW HIGH TIDE.
2. FOR ADDITIONAL INFORMATION ON THE DESIGN AND APPLICATION OF EROSION AND SEDIMENT CONTROL BEST MANAGEMENT PRACTICES (BMPs), REFER TO THE LATEST EDITION OF THE GEORGIA SOIL AND WATER CONSERVATION COMMISSION'S, "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA".

| REVISION DATES |  |       | EROSION CONTROL LEGEND              |             |  |  |
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|                |  |       | LAURELWOOD CONNECTOR MULTI-USE PATH |             |  |  |
|                |  |       | TOWN OF TYRONE, GA                  |             |  |  |
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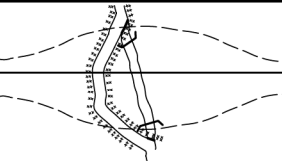
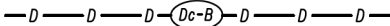
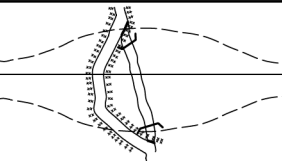
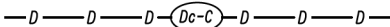
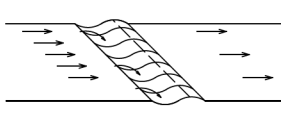
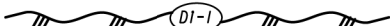
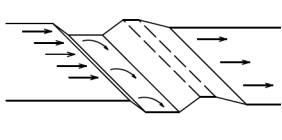
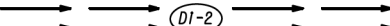
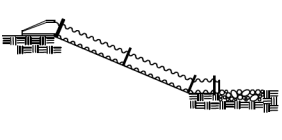
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| Ch-271 | TURF<br>REINFORCEMENT<br>MAT (TRM)<br>CONSTRUCTION<br>DETAIL D-35<br>SECTION 711 |    | THIS THREE DIMENSIONAL EROSION CONTROL MAT IS USED IN CONJUNCTION WITH PERMANENT VEGETATION IN CHANNELS TO STABILIZE THE SOIL BY REINFORCING THE GRASS ROOTS TO PROVIDE LONG-TERM PROTECTION FOR SHEAR STRESSES 0-2 psf. THE TRM SHALL PROTECT THE CHANNEL FLOWING TO A DEPTH "Dp" RECOMMENDED BY THE GDOT CHANNEL LINING PROGRAM.  |
|        | LINE CODE                                                                        |    | "Dp" SHALL BE IDENTIFIED IN A TABLE LOCATED ON THE SUMMARY OF QUANTITIES SHEETS AND IN THE EROSION, SEDIMENTATION, AND POLLUTION CONTROL PLAN.                                                                                                                                                                                      |
| Ch-272 | TURF<br>REINFORCEMENT<br>MAT (TRM)<br>CONSTRUCTION<br>DETAIL D-35<br>SECTION 711 |    | THIS THREE DIMENSIONAL EROSION CONTROL MAT IS USED IN CONJUNCTION WITH PERMANENT VEGETATION IN CHANNELS TO STABILIZE THE SOIL BY REINFORCING THE GRASS ROOTS TO PROVIDE LONG-TERM PROTECTION FOR SHEAR STRESSES 0-4 psf. THE TRM SHALL PROTECT THE CHANNEL FLOWING TO A DEPTH "Dp" RECOMMENDED BY THE GDOT CHANNEL LINING PROGRAM.  |
|        | LINE CODE                                                                        |    | "Dp" SHALL BE IDENTIFIED IN A TABLE LOCATED ON THE SUMMARY OF QUANTITIES SHEETS AND IN THE EROSION, SEDIMENTATION, AND POLLUTION CONTROL PLAN.                                                                                                                                                                                      |
| Ch-273 | TURF<br>REINFORCEMENT<br>MAT (TRM)<br>CONSTRUCTION<br>DETAIL D-35<br>SECTION 711 |    | THIS THREE DIMENSIONAL EROSION CONTROL MAT IS USED IN CONJUNCTION WITH PERMANENT VEGETATION IN CHANNELS TO STABILIZE THE SOIL BY REINFORCING THE GRASS ROOTS TO PROVIDE LONG-TERM PROTECTION FOR SHEAR STRESSES 0-6 psf. THE TRM SHALL PROTECT THE CHANNEL FLOWING TO A DEPTH "Dp" RECOMMENDED BY THE GDOT CHANNEL LINING PROGRAM.  |
|        | LINE CODE                                                                        |  | "Dp" SHALL BE IDENTIFIED IN A TABLE LOCATED ON THE SUMMARY OF QUANTITIES SHEETS AND IN THE EROSION, SEDIMENTATION, AND POLLUTION CONTROL PLAN.                                                                                                                                                                                      |
| Ch-274 | TURF<br>REINFORCEMENT<br>MAT (TRM)<br>CONSTRUCTION<br>DETAIL D-35<br>SECTION 711 |  | THIS THREE DIMENSIONAL EROSION CONTROL MAT IS USED IN CONJUNCTION WITH PERMANENT VEGETATION IN CHANNELS TO STABILIZE THE SOIL BY REINFORCING THE GRASS ROOTS TO PROVIDE LONG-TERM PROTECTION FOR SHEAR STRESSES 0-8 psf. THE TRM SHALL PROTECT THE CHANNEL FLOWING TO A DEPTH "Dp" RECOMMENDED BY THE GDOT CHANNEL LINING PROGRAM.  |
|        | LINE CODE                                                                        |  | "Dp" SHALL BE IDENTIFIED IN A TABLE LOCATED ON THE SUMMARY OF QUANTITIES SHEETS AND IN THE EROSION, SEDIMENTATION, AND POLLUTION CONTROL PLAN.                                                                                                                                                                                      |
| Ch-275 | TURF<br>REINFORCEMENT<br>MAT (TRM)<br>CONSTRUCTION<br>DETAIL D-35<br>SECTION 711 |  | THIS THREE DIMENSIONAL EROSION CONTROL MAT IS USED IN CONJUNCTION WITH PERMANENT VEGETATION IN CHANNELS TO STABILIZE THE SOIL BY REINFORCING THE GRASS ROOTS TO PROVIDE LONG-TERM PROTECTION FOR SHEAR STRESSES 0-10 psf. THE TRM SHALL PROTECT THE CHANNEL FLOWING TO A DEPTH "Dp" RECOMMENDED BY THE GDOT CHANNEL LINING PROGRAM. |
|        | LINE CODE                                                                        |  | "Dp" SHALL BE IDENTIFIED IN A TABLE LOCATED ON THE SUMMARY OF QUANTITIES SHEETS AND IN THE EROSION, SEDIMENTATION, AND POLLUTION CONTROL PLAN.                                                                                                                                                                                      |

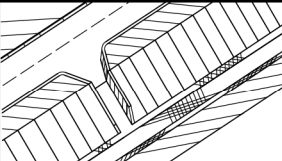
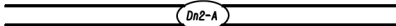
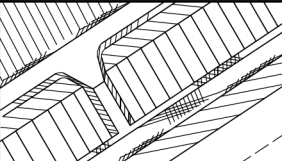
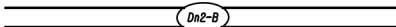
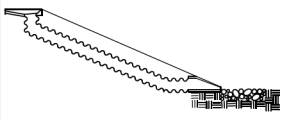
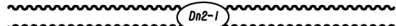
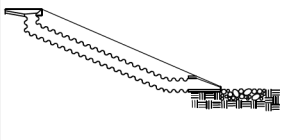
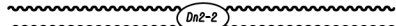
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| Ch-276 | TURF<br>REINFORCEMENT<br>MAT (TRM)<br>CONSTRUCTION<br>DETAIL D-35<br>SECTION 711 |    | THIS THREE DIMENSIONAL EROSION CONTROL MAT IS USED IN CONJUNCTION WITH PERMANENT VEGETATION IN CHANNELS TO STABILIZE THE SOIL BY REINFORCING THE GRASS ROOTS TO PROVIDE LONG-TERM PROTECTION FOR SHEAR STRESSES 0-12 psf. THE TRM SHALL PROTECT THE CHANNEL FLOWING TO A DEPTH "Dp" RECOMMENDED BY THE GDOT CHANNEL LINING PROGRAM.                                                                                                                                                                                                                                                                                                                 |
|        | LINE CODE                                                                        |    | "Dp" SHALL BE IDENTIFIED IN A TABLE LOCATED ON THE SUMMARY OF QUANTITIES SHEETS AND IN THE EROSION, SEDIMENTATION, AND POLLUTION CONTROL PLAN.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Ch-3   | CONCRETE CHANNEL<br>STABILIZATION                                                |    | CHANNELS ARE LINED WITH CONCRETE FOR VELOCITIES >/- 10 fps. THIS ITEM CONSISTS OF CONSTRUCTING A 4" THICK CONCRETE CHANNEL. THE CONCRETE SHALL PROTECT THE CHANNEL FLOWING TO A DEPTH "Dp" RECOMMENDED BY THE GDOT CHANNEL LINING PROGRAM.                                                                                                                                                                                                                                                                                                                                                                                                          |
|        | CONSTRUCTION<br>DETAIL D-10, D-49<br>SECTION 441                                 | LINE CODE                                                                             | "Dp" SHALL BE IDENTIFIED IN A TABLE LOCATED ON THE SUMMARY OF QUANTITIES SHEETS AND IN THE EROSION, SEDIMENTATION, AND POLLUTION CONTROL PLAN.<br><br>RIP-RAP SHOULD BE USED TO DISSIPATE ENERGY DOWNSTREAM OF CONCRETE LINED CHANNELS.                                                                                                                                                                                                                                                                                                                                                                                                             |
| Co     | CONSTRUCTION<br>EXIT                                                             |    | A CONSTRUCTION EXIT IS A STONE STABILIZED PAD THAT REDUCES OR ELIMINATES THE TRANSPORT OF MUD FROM CONSTRUCTION AREAS ONTO PUBLIC ROADS BY EQUIPMENT OR RUNOFF. BEST USED AT ACCESS POINTS, I.e. NEW LOCATION PROJECTS, BORROW PITS, WASTE PITS, ACCESS ROADS, ETC. SHOULD BE MINIMUM 20' WIDE, 50' LONG, 6" THICK, AND REQUIRES A GEOTEXTILE UNDERLINER. ON SITES WHERE THE GRADE TOWARD A PAVED AREA IS GREATER THAN 2%, A FULL WIDTH DIVERSION RIDGE 6" TO 8" HIGH WITH 3:1 SLOPES SHALL BE CONSTRUCTED APPROXIMATELY 15' UPSTREAM OF PAVED AREA. A TIRE WASHING AREA TO REMOVE MUD MAY ALSO BE REQUIRED PRIOR TO ENTRANCE ONTO PUBLIC ROADWAYS. |
|        | CONSTRUCTION<br>DETAIL D-41<br>SECTION 163, 800                                  | SYMBOL                                                                                | ALL CONSTRUCTION EXIT REQUIREMENTS ARE INCLUDED IN THE PRICE OF THE CONSTRUCTION EXIT.<br><br>                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Dc-A   | STREAM DIVERSION<br>CHANNEL<br>GEOTEXTILE,<br>POLYETHYLENE<br>FILM               |  | A TEMPORARY CHANNEL CONSTRUCTED TO CONVEY FLOW AROUND A CONSTRUCTION SITE WHILE A PERMANENT DRAINAGE STRUCTURE IS BEING CONSTRUCTED IN A NATURAL STREAM. THIS IS A MEASURE USED TO PROTECT STREAM BEDS FROM EROSION. LINE THE CHANNEL WITH GEOTEXTILE OR POLYETHYLENE FILM. INSTALL TWO ROWS OF Sd1-S PARALLEL TO THE CHANNEL TO PREVENT SEDIMENT LADEN RUNOFF FROM ENTERING THE STREAM. THE SIZE OF THE CHANNEL WILL DEPEND ON THE DISCHARGE, CHANNEL GEOMETRY, CHANNEL SLOPE AND ROUGHNESS. IT IS ACCEPTABLE FOR VELOCITIES BETWEEN 0 - 2.5 fps.                                                                                                  |
|        | SECTION 163                                                                      | LINE CODE                                                                             | THE DRAINAGE AREA SHALL BE NOT GREATER THAN 1 SQUARE MILE.<br><br>CONSTRUCTION OF THE DIVERSION CHANNEL IS INCLUDED IN THE COST OF THE STRUCTURE.<br><br>                                                                                                                                                                                                                                                                                                                                                                                                      |

NOTE:

1. DO NOT USE EROSION CONTROL ITEMS IN A FLOWING STREAM OR IN A TIDAL AREA BELOW HIGH TIDE.
2. FOR ADDITIONAL INFORMATION ON THE DESIGN AND APPLICATION OF EROSION AND SEDIMENT CONTROL BEST MANAGEMENT PRACTICES (BMPs), REFER TO THE LATEST EDITION OF THE GEORGIA SOIL AND WATER CONSERVATION COMMISSION'S, "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA".

| REVISION DATES |  |       | EROSION CONTROL LEGEND              |             |  |  |
|----------------|--|-------|-------------------------------------|-------------|--|--|
|                |  |       | LAURELWOOD CONNECTOR MULTI-USE PATH |             |  |  |
|                |  |       | TOWN OF TYRONE, GA                  |             |  |  |
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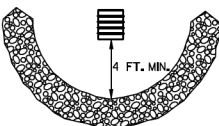
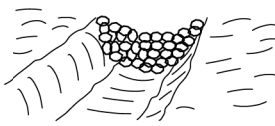
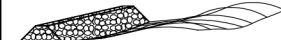
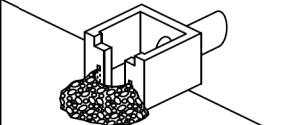
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| Dc-B | STREAM DIVERSION<br>CHANNEL<br>GEOTEXTILE<br>ONLY                                             |                 | A TEMPORARY CHANNEL CONSTRUCTED TO CONVEY FLOW AROUND A CONSTRUCTION SITE WHILE A PERMANENT DRAINAGE STRUCTURE IS BEING CONSTRUCTED IN A NATURAL STREAM. THIS IS A MEASURE USED TO PROTECT STREAM BEDS FROM EROSION. LINE THE CHANNEL WITH GEOTEXTILE ONLY. INSTALL TWO ROWS OF Sd1-S PARALLEL TO THE CHANNEL TO PREVENT SEDIMENT LADEN RUNOFF FROM ENTERING THE STREAM. THE SIZE OF THE CHANNEL WILL DEPEND ON THE DISCHARGE, CHANNEL GEOMETRY, CHANNEL SLOPE AND ROUGHNESS. IT IS ACCEPTABLE FOR VELOCITIES BETWEEN 2.5 - 9.0 fps.         |
|      | SECTION 163                                                                                   | LINE CODE<br>   | THE DRAINAGE AREA SHALL BE NOT GREATER THAN 1 SQUARE MILE.<br><br>CONSTRUCTION OF THE DIVERSION CHANNEL IS INCLUDED IN THE COST OF THE STRUCTURE.                                                                                                                                                                                                                                                                                                                                                                                            |
| Dc-C | STREAM DIVERSION<br>CHANNEL<br>RIP-RAP &<br>GEOTEXTILE                                        |                 | A TEMPORARY CHANNEL CONSTRUCTED TO CONVEY FLOW AROUND A CONSTRUCTION SITE WHILE A PERMANENT DRAINAGE STRUCTURE IS BEING CONSTRUCTED IN A NATURAL STREAM. THIS IS A MEASURE USED TO PROTECT STREAM BEDS FROM EROSION. LINE THE CHANNEL WITH RIP-RAP AND GEOTEXTILE. INSTALL TWO ROWS OF Sd1-S PARALLEL TO THE CHANNEL TO PREVENT SEDIMENT LADEN RUNOFF FROM ENTERING THE STREAM. THE SIZE OF THE CHANNEL WILL DEPEND ON THE DISCHARGE, CHANNEL GEOMETRY, CHANNEL SLOPE AND ROUGHNESS. IT IS ACCEPTABLE FOR VELOCITIES BETWEEN 9.0 - 13.0 fps. |
|      | SECTION 163                                                                                   | LINE CODE<br>   | THE DRAINAGE AREA SHALL BE NOT GREATER THAN 1 SQUARE MILE.<br><br>CONSTRUCTION OF THE DIVERSION CHANNEL IS INCLUDED IN THE COST OF THE STRUCTURE.                                                                                                                                                                                                                                                                                                                                                                                            |
| D1-1 | DIVERSION<br>BERM                                                                             |                 | A NON-DESIGNED TEMPORARY EARTHEN BERM WITH A COMPACTED SUPPORTING RIDGE ON THE LOWER SIDE TO BE USED AT THE EDGE OF EMBANKMENT DURING THE GRADING OPERATION. THE BERMS ARE ALSO CONSTRUCTED ABOVE, ACROSS OR BELOW A SLOPE TO REDUCE THE LENGTH OF A SLOPE. THEY ARE USED TO INTERCEPT RUNOFF, PREVENTING SLOPE EROSION AND TO DIRECT THE RUNOFF TO A STABLE OUTLET, DOWN DRAINS *Dn1*OR CATCHMENT AREAS AND ON ALL GRADING PROJECTS.                                                                                                        |
|      | CONSTRUCTION<br>DETAIL D-47<br>SECTION 205                                                    | LINE CODE<br> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| D1-2 | DIVERSION<br>CHANNEL                                                                          |               | A DESIGNED TEMPORARY OR PERMANENT CHANNEL WITH A COMPACTED SUPPORTING RIDGE ON THE LOWER SIDE TO DIVERT OFFSITE RUNOFF AWAY FROM DISTURBED AREAS WITHIN THE PROJECT AREA. CHANNEL FOR OFFSITE RUNOFF SHALL BE STABILIZED WITH APPROPRIATE CHANNEL STABILIZATION.                                                                                                                                                                                                                                                                             |
|      | SECTION 205                                                                                   | LINE CODE<br> | REFER TO THE LATEST EDITION OF THE 'MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA' FOR DESIGN CRITERIA. A DIVERSION CHANNEL DETAIL MUST ALSO BE PROVIDED IN THE ESPCP.<br><br>RUNOFF FROM DISTURBED AREAS WITHIN THE PROJECT AREA SHALL NOT BE ALLOWED TO CONVERGE WITH OFFSITE RUNOFF WITHIN THIS DIVERSION.                                                                                                                                                                                                                           |
| Dn1  | TEMPORARY<br>DOWNDRAIN<br>STRUCTURE<br>FLEXIBLE<br>CONSTRUCTION<br>DETAIL D-19<br>SECTION 163 |               | A TEMPORARY PIPE SLOPE DRAIN IS A PLASTIC FLEXIBLE PIPE TO CARRY WATER FROM THE WORK AREA TO A LOWER ELEVATION. TEMPORARY SLOPE DRAINS SHOULD BE PLACED AT INTERVALS OF 350 FEET ON 0% - 2% GRADES, 200 FEET ON STEEPER GRADES AND MORE FREQUENTLY AS DICTATED BY FIELD CONDITIONS. THE TYPICAL PIPE SIZE IS A CORRUGATED 10". THE PIPE WILL BE ANCHORED WITH STAKES AT INTERVALS NOT TO EXCEED 10'.                                                                                                                                         |
|      |                                                                                               | LINE CODE<br> | THE OUTLET AREA SHALL BE STABILIZED FOR VELOCITY DISSIPATION AND EROSION CONTROL.                                                                                                                                                                                                                                                                                                                                                                                                                                                            |

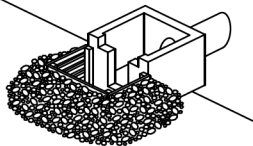
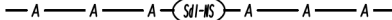
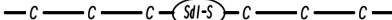
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| Dn2-A | PERMANENT<br>DOWNDRAIN<br>STRUCTURE<br>CONCRETE<br>CONSTRUCTION<br>DETAIL D-9<br>SECTION 441                  |                 | A CONCRETE FLUME TYPE *A* IS USED TO DIRECT SURFACE RUNOFF DOWN A ROADWAY SLOPE INTO ANOTHER FORM OF CONTROL. IT IS USED IN ALL DEPRESSED AREAS WHERE WATER WILL FLOW DOWN THE SLOPE. IT IS DESIGNED FOR A 25-YEAR STORM AND MUST HAVE SOME FORM OF OUTLET PROTECTION. ADDITIONAL LABELING IS NOT REQUIRED IF SHOWN AS A PERMANENT DRAINAGE STRUCTURE ON THE CONSTRUCTION PLANS. INLETS SHALL BE SPACED ACCORDING TO GDOT GUIDELINES (REGARDING GUTTER SPREAD AND OTHER CRITERIA).                                                                               |
|       |                                                                                                               | LINE CODE<br>   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Dn2-B | PERMANENT<br>DOWNDRAIN<br>STRUCTURE<br>CONCRETE<br>CONSTRUCTION<br>DETAIL D-9<br>SECTION 441                  |                 | A CONCRETE FLUME TYPE *B* IS USED TO DIRECT SURFACE DITCH RUNOFF DOWN A BACK SLOPE INTO ANOTHER FORM OF CONTROL. IT IS USED IN DEPRESSED AREAS WHERE CONCENTRATED OFFSITE WATER REACHES THE CUT SLOPE. IT IS DESIGNED TO SAFELY CONVEY WATER DOWN THE CUT SLOPE. IT IS DESIGNED FOR A 25-YEAR STORM AND MUST HAVE SOME FORM OF OUTLET PROTECTION. ADDITIONAL LABELING IS NOT REQUIRED IF SHOWN AS A PERMANENT DRAINAGE STRUCTURE ON THE CONSTRUCTION PLANS. INLETS SHALL BE SPACED ACCORDING TO GDOT GUIDELINES (REGARDING GUTTER SPREAD AND OR OTHER CRITERIA). |
|       |                                                                                                               | LINE CODE<br>   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Dn2-1 | PERMANENT<br>DOWNDRAIN<br>STRUCTURE<br>GA. STD 9013 TP1,<br>9017J TP1,<br>DETAIL D-26 TP1<br>SECTION 576, 577 |                 | CONCRETE DRAIN INLET WITH METAL PIPE IS USED TO DRAIN CURBS, ON A GRADE, DOWN TO A LOWER ELEVATION. THIS IS A PERMANENT STRUCTURE, REQUIRING OUTLET PROTECTION, TEMPORARY AND PERMANENT. INLETS SHALL BE SPACED ACCORDING TO GDOT GUIDELINES (REGARDING GUTTER SPREAD AND OR OTHER CRITERIA).                                                                                                                                                                                                                                                                    |
|       |                                                                                                               | LINE CODE<br> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Dn2-2 | PERMANENT<br>DOWNDRAIN<br>STRUCTURE<br>GA. STD 9013 TP2,<br>9017J TP2,<br>DETAIL D-26 TP2<br>SECTION 576, 577 |               | CONCRETE DRAIN INLET AND METAL PIPE IS USED TO DRAIN CURB, IN A SAG, DOWN TO A LOWER ELEVATION. THIS IS A PERMANENT STRUCTURE, REQUIRING OUTLET PROTECTION, TEMPORARY AND PERMANENT. INLETS SHALL BE SPACED ACCORDING TO GDOT GUIDELINES (REGARDING GUTTER SPREAD AND OR OTHER CRITERIA).                                                                                                                                                                                                                                                                        |
|       |                                                                                                               | LINE CODE<br> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |

NOTE:

1. DO NOT USE EROSION CONTROL ITEMS IN A FLOWING STREAM OR IN A TIDAL AREA BELOW HIGH TIDE.
2. FOR ADDITIONAL INFORMATION ON THE DESIGN AND APPLICATION OF EROSION AND SEDIMENT CONTROL BEST MANAGEMENT PRACTICES (BMPs), REFER TO THE LATEST EDITION OF THE GEORGIA SOIL AND WATER CONSERVATION COMMISSION'S, 'MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA'.

| REVISION DATES |  |       | EROSION CONTROL LEGEND              |             |  |  |
|----------------|--|-------|-------------------------------------|-------------|--|--|
|                |  |       | LAURELWOOD CONNECTOR MULTI-USE PATH |             |  |  |
|                |  |       | TOWN OF TYRONE, GA                  |             |  |  |
| CHECKED:       |  | DATE: |                                     | DRAWING No. |  |  |
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| CODE | PRACTICE<br>STD OR DETAIL<br>SPEC. SECT.                                                         | DETAIL                                                                              | DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
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| Fr   | FILTER RING<br><br>CONSTRUCTION<br>DETAIL D-46<br>SECTION 163                                    |    | A TEMPORARY STONE BARRIER CONSTRUCTED AT DRAINAGE STRUCTURE INLETS AND POST-CONSTRUCTION POND OUTLETS. IT REDUCES RUNOFF VELOCITY AND HELPS PREVENT SEDIMENT FROM LEAVING SITE PRIOR TO PERMANENT STABILIZATION OF THE DISTURBED AREA.<br><br>REFER TO THE LATEST EDITION OF THE "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA" FOR ADDITIONAL INFORMATION ON USAGE.                                                                                                                                                                                                             |
|      | SYMBOL<br>      |                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Rd   | ROCK<br>FILTER DAM<br><br>CONSTRUCTION<br>DETAIL D-43<br>SECTION 163, 603                        |    | ROCK FILTER DAMS ARE CONSTRUCTED OF TYPE 3 STONE RIP-RAP FACED WITH *57 STONE ON THE UPSTREAM SIDE. THEY ARE PLACED ACROSS DRAINAGWAYS WHICH DRAIN 50 ACRES OR LESS. GEOTEXTILE UNDERLINER SHALL BE USED WHEN PLACING ROCK FILTER DAMS.<br><br>THE DAM SHOULD NOT BE HIGHER THAN THE CHANNEL BANKS.<br><br>ROCK FILTER DAMS SHOULD BE USED IN DITCHES PRIOR TO DISCHARGING INTO STREAMS, WETLANDS, OPEN-WATERS, OR OTHER ESAs.                                                                                                                                                         |
|      | SYMBOL<br>      |                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Rd-B | STONE<br>FILTER BERM<br><br>CONSTRUCTION<br>DETAIL D-50<br>SECTION 163, 603                      |    | STONE FILTER BERMS ARE CONSTRUCTED SIMILAR TO ROCK FILTER DAMS FOR A LINEAR APPLICATION. THEY ARE CONSTRUCTED OF TYPE-3 STONE RIP-RAP FACED WITH *57 STONE ON THE UPSTREAM SIDE. GEOTEXTILE UNDERLINER SHALL BE USED WHEN PLACING STONE FILTER BERMS.<br><br>STONE FILTER BERMS ARE IDEAL ALONG THE PERIMETER FOR SHEET FLOW AND/OR SHALLOW CONCENTRATED FLOW TO A COMMON LOW AREA WHERE PERIMETER SILT FENCE ALONE MAY BE INSUFFICIENT. THERE IS NO WELL-DEFINED CHANNEL FOR A STANDARD ROCK FILTER DAM. AND/OR CONSTRUCTING A ROCK OUTLET TEMPORARY SEDIMENT TRAP IS NOT APPLICABLE. |
|      | LINE CODE<br> |                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Rp   | RIP-RAP<br><br>SECTION 603                                                                       |  | RIP-RAP IS A FLEXIBLE PERMANENT BLANKET FOR PROTECTION OF FILL SLOPES AND BRIDGE END ROLLS. RIP-RAP TYPE-1 SHOULD BE PLACED ON TOP OF A GEOTEXTILE UNDERLINER AT A MINIMUM 24" THICKNESS OR AS INDICATED ON THE PLANS.<br><br>RIP-RAP MAY ALSO BE USED AT DRAINAGE STRUCTURE OUTLETS WITHIN THE RIGHT-OF-WAY. HOWEVER, APPROPRIATE OUTLET PROTECTION SHOULD BE PROVIDED AT OUTFALLS. REFER TO STORM DRAIN OUTLET PROTECTION FOR ADDITIONAL INFORMATION ON USING RIP-RAP AT OUTFALLS.                                                                                                   |
|      | PATTERN<br>   |                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Rt-P | RETROFITTING<br>PERFORATED<br>HALF-ROUND PIPE<br><br>CONSTRUCTION<br>DETAIL D-44<br>SECTION 163  |  | A PERFORATED HALF-ROUND PIPE WITH STONE FILTER PLACED IN FRONT OF A PERMANENT STORMWATER DETENTION POND OUTLET STRUCTURE TO SERVE AS A TEMPORARY SEDIMENT FILTER.<br><br>SHOULD BE USED ONLY IN DETENTION PONDS WITH LESS THAN 30 ACRES TOTAL DRAINAGE AREA.<br><br>SHALL ONLY BE USED IN DETENTION BASINS LARGE ENOUGH TO STORE 67 CUBIC YARDS OF SEDIMENT PER ACRE OF DISTURBED AREA.<br><br>REFER TO THE LATEST EDITION OF THE "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA" FOR DESIGN CRITERIA.                                                                            |
|      | SYMBOL<br>    |                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |

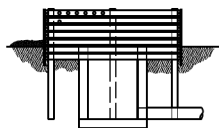
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| Rt-B                       | RETROFITTING<br>SLOTTED BOARD<br>DAM<br><br>CONSTRUCTION<br>DETAIL D-45<br>SECTION 163                    |                | A SLOTTED BOARD DAM CONSISTS OF STONE AND/OR FILTER FABRIC AND BOARDS WITH 0.5' - 1.0' SPACING TO SERVE AS A TEMPORARY SEDIMENT FILTER.<br><br>PERMANENT STORMWATER DETENTION POND OUTLET:<br>-DRAINAGE AREA UP TO 100 ACRES<br>-DETENTION BASINS LARGE ENOUGH TO STORE 67 CUBIC YARDS OF SEDIMENT PER ACRE OF DISTURBED AREA<br><br>ROADWAY DRAINAGE STRUCTURE:<br>-OPEN END PIPES, WINGED HEADWALLS, OR CONCRETE WEIR OUTLETS WITH DRAINAGE AREA LESS THAN 30 ACRES<br><br>REFER TO THE LATEST EDITION OF THE "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA" FOR DESIGN CRITERIA.                                                                                |
|                            | SYMBOL<br>             |                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Rt-Sg1<br>Rt-Sg2<br>Rt-Sg3 | RETROFITTING<br>SILT CONTROL<br>GATES<br><br>CONSTRUCTION<br>DETAIL D-20<br>SECTION 163                   | <br>FRONT VIEW | A SILT CONTROL GATE CONSISTS OF BOARDS WITHOUT SPACING AND FILTER FABRIC TO BE USED FOR TEMPORARY SEDIMENT STORAGE ON ROADWAY PROJECTS AT THE INLET OF STRUCTURES WITH A DRAINAGE AREA UP TO 50 ACRES. THE DISTURBED AREA WITHIN THE DRAINAGE AREA SHALL NOT EXCEED 5 ACRES. SILT CONTROL GATES SHOULD NOT BE USED ALONE, BUT WITH ANOTHER BMP DOWNSTREAM PRIOR TO DISCHARGE LEAVING PROJECT AREA.<br><br>DO NOT USE SILT GATES IN STATE WATERS.<br><br>Rt-Sg1•TYPE 1: USED ON BOX CULVERTS<br>Rt-Sg2•TYPE 2: USED ON STRAIGHT HEADWALLS<br>Rt-Sg3•TYPE 3: USED ON FLARED END SECTIONS AND TAPERED HEADWALLS                                                             |
|                            | SYMBOL<br>             |                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|                            |                                                                                                           |                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| SdI-NS                     | SEDIMENT BARRIER<br>(NON-SENSITIVE)<br>SILT FENCE<br>TYPE A<br>CONSTRUCTION<br>DETAIL D-24<br>SECTION 171 |                | SEDIMENT BARRIERS MINIMIZE AND PREVENT SEDIMENT CARRIED BY SHEET FLOW FROM LEAVING THE PROJECT AREA BY CAUSING DEPOSITION AND/OR FILTRATION OF SEDIMENT. SILT FENCE USED AS PERIMETER CONTROL SHALL NOT BE INSTALLED ACROSS CONCENTRATED FLOW.<br><br>TYPE-A SILT FENCE IS TYPICALLY USED IN NON-ENVIRONMENTALLY SENSITIVE AREAS (ESAs) OR IN AREAS WITH FILLS LESS THAN 10'.<br><br>IT SHOULD BE PLACED A MINIMUM OF 10' FROM CONSTRUCTION LIMITS OR ALONG THE RIGHT-OF-WAY LINE.                                                                                                                                                                                       |
|                            | LINE CODE<br>        |                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| SdI-S                      | SEDIMENT BARRIER<br>(SENSITIVE)<br>SILT FENCE<br>TYPE C<br>CONSTRUCTION<br>DETAIL D-24<br>SECTION 171     |              | SEDIMENT BARRIERS MINIMIZE AND PREVENT SEDIMENT CARRIED BY SHEET FLOW FROM LEAVING THE PROJECT AREA BY CAUSING DEPOSITION AND/OR FILTRATION OF SEDIMENT. SILT FENCE USED AS PERIMETER CONTROL SHALL NOT BE INSTALLED ACROSS CONCENTRATED FLOW.<br><br>TYPE-C SILT FENCE IS TYPICALLY USED IN ENVIRONMENTALLY SENSITIVE AREAS (ESAs) OR IN AREAS WITH FILLS 10' AND GREATER.<br><br>ALL ENVIRONMENTALLY SENSITIVE AREAS (ESAs) SHALL BE PROTECTED WITH A DOUBLE-ROW OF TYPE-C SILT FENCE REGARDLESS OF FILL HEIGHT. A SINGLE-ROW MAY BE USED FOR OTHER APPLICATIONS.<br><br>IT SHOULD BE PLACED A MINIMUM OF 10' FROM CONSTRUCTION LIMITS OR ALONG THE RIGHT-OF-WAY LINE. |
|                            | LINE CODE<br>        |                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |

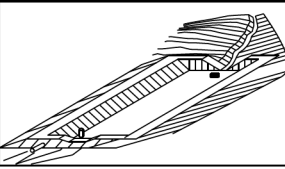
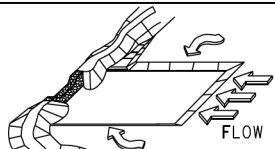
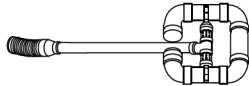
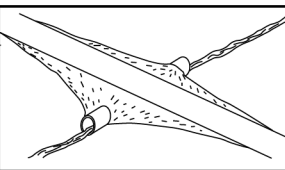
NOTE:

1. DO NOT USE EROSION CONTROL ITEMS IN A FLOWING STREAM OR IN A TIDAL AREA BELOW HIGH TIDE.
2. FOR ADDITIONAL INFORMATION ON THE DESIGN AND APPLICATION OF EROSION AND SEDIMENT CONTROL BEST MANAGEMENT PRACTICES (BMPs), REFER TO THE LATEST EDITION OF THE GEORGIA SOIL AND WATER CONSERVATION COMMISSION'S, "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA".

| REVISION DATES |  |       | EROSION CONTROL LEGEND              |             |  |  |
|----------------|--|-------|-------------------------------------|-------------|--|--|
|                |  |       | LAURELWOOD CONNECTOR MULTI-USE PATH |             |  |  |
|                |  |       | TOWN OF TYRONE, GA                  |             |  |  |
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| Sd1-BB | SEDIMENT BARRIER<br>BRUSH BARRIER<br><br>CONSTRUCTION<br>DETAIL D-24B<br>SECTION 201     |                                                                                                                                                                                  | THIS ITEM CONSISTS OF INTERMINGLED BRUSH, LOGS, ETC. SO AS NOT TO FORM A SOLID DAM. CONSTRUCTED AT THE TOE OF FILL SLOPES ONLY DURING THE CLEARING AND GRUBBING OPERATION. THE BARRIER SHOULD BE USED AT THE TOE OF FILL SLOPES ON GRADING PROJECTS IN RURAL AREAS WHERE SUFFICIENT RIGHT OF WAY OR EASEMENT IS AVAILABLE (10 FEET OR MORE). THE BARRIER SHOULD RUN ROUGHLY PERPENDICULAR TO THE FLOW OF WATER WHERE THIS DOES NOT CONFLICT WITH RIGHT-OF-WAY OR EASEMENT LIMITS. THEY WILL NOT BE PLACED IN WETLANDS.<br><br>TYPICALLY NOT SHOWN ON PLANS.<br><br>PAYMENT FOR THIS ITEM IS INCLUDED IN THE CLEARING AND GRUBBING COST. NO SEPARATE PAYMENT SHALL BE MADE. |
|        | LINE CODE<br><br>* * * Sd1-BB * * *                                                      |                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Sd2-B  | INLET SEDIMENT<br>TRAP<br>(BAFFLE BOX)<br>CONSTRUCTION<br>DETAIL D-42<br>SECTION 163     |                                                                                                                                                                                  | BAFFLE BOX INLET SEDIMENT TRAP USED FOR INLETS RECEIVING HIGH FLOW RATE AND/OR VELOCITY. A GUIDE FOR USE WILL BE FOR AN INLET RECEIVING FLOW RATES 7 cfs AND GREATER.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|        | SYMBOL<br><br>Sd2-B                                                                      |                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Sd2-Bg | INLET SEDIMENT<br>TRAP<br>(BLOCK & GRAVEL)<br>CONSTRUCTION<br>DETAIL D-42<br>SECTION 163 |                                                                                                                                                                                  | BLOCK AND GRAVEL DROP INLET PROTECTION USED FOR WHERE HEAVY FLOWS ARE EXPECTED AND WHERE OVERFLOW CAPACITY IS NECESSARY TO PREVENT EXCESSIVE PONDING AROUND THE STRUCTURE. CAN BE USED AT CULVERT INLETS. A GUIDE FOR USE WILL BE FOR AN INLET RECEIVING FLOW RATES THAT RANGE FROM 5 - 7 cfs.                                                                                                                                                                                                                                                                                                                                                                             |
|        | SYMBOL<br><br>Sd2-Bg                                                                     |                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Sd2-F  | INLET SEDIMENT<br>TRAP<br>(FILTER FABRIC)<br>CONSTRUCTION<br>DETAIL D-24C<br>SECTION 163 |  OR  OR  | (a) A SEDIMENT BARRIER CONSISTING OF A PREFABRICATED FRAME WITH FILTER FABRIC USED AROUND A DROP INLET OR CATCH BASIN.<br>(b) A SEDIMENT BARRIER CONSISTING OF A PERFORATED METAL STAND PIPE WITH FILTER FABRIC USED AROUND A DROP INLET OR CATCH BASIN.<br>(c) TYPE C SILT FENCE WITH SUPPORTING FRAME CAN BE USED AS AN ALTERNATE TO INLET SEDIMENT TRAP FOR AREAS WITH SLOPES < 5%.<br><br>THIS ITEM IS USED TO PREVENT SILT FROM ENTERING THE PIPE SYSTEM. SHALL NOT APPLY TO INLETS RECEIVING CONCENTRATED FLOWS. RECOMMENDED FOR INLET RECEIVING FLOW RATES THAT RANGE FROM 0 - 4 cfs.                                                                               |
|        | SYMBOL<br><br>Sd2-F                                                                      |                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Sd2-G  | INLET SEDIMENT<br>TRAP<br>(GRAVEL)<br>CONSTRUCTION<br>DETAIL D42<br>SECTION 163          |                                                                                                                                                                                | GRAVEL DROP INLET PROTECTION USED WHERE HEAVY CONCENTRATED FLOWS ARE EXPECTED. STONE AND GRAVEL ARE USED TO TRAP SEDIMENT. THE SLOPE TOWARD THE INLET SHALL BE NO MORE THAN 3:1. A GUIDE FOR USE WILL BE FOR AN INLET RECEIVING FLOW RATES THAT RANGE FROM 3 - 5 cfs.                                                                                                                                                                                                                                                                                                                                                                                                      |
|        | SYMBOL<br><br>Sd2-G                                                                      |                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |

| CODE  | PRACTICE<br>STD OR DETAIL<br>SPEC. SECT.                                                    | DETAIL                                                                                | DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
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| Sd3   | TEMPORARY<br>SEDIMENT BASIN<br><br>CONSTRUCTION<br>DETAIL D-22A,<br>D-22B<br>SECTION 163    |    | A BASIN CREATED BY EXCAVATING AN AREA, DAMMING CONCENTRATED FLOW, OR A COMBINATION OF BOTH. THE BASIN IS DESIGNED TO STORE 67 CUBIC YARDS OF SEDIMENT PER ACRE OF DRAINAGE AREA. THE DRAINAGE AREA SHOULD NOT EXCEED 150 ACRES. BASINS TYPICALLY CONSISTS OF A DAM, PRINCIPAL SPILLWAY, AND AN EMERGENCY SPILLWAY. A FLOATING SURFACE SKIMMER SHALL BE REQUIRED AS PART OF THE PRINCIPAL SPILLWAY UNLESS INFEASIBLE. SUFFICIENT RIGHT-OF-WAY OR EASEMENT IS NEEDED FOR BASIN CONSTRUCTION AND MAINTENANCE ACCESS.                     |
|       | SYMBOL<br><br>Sd3                                                                           |                                                                                       | SEDIMENT BASINS SHALL BE CONSIDERED ON ALL PROJECTS, BUT MAY NOT BE PRACTICAL. BASINS SHOULD BE LOCATED TO MINIMIZE INTERFERENCE WITH CONSTRUCTION ACTIVITIES AND UTILITIES. REFER TO THE LATEST EDITION OF THE "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA" FOR DESIGN CRITERIA.                                                                                                                                                                                                                                             |
| Sd4-C | ROCK OUTLET<br>TEMPORARY<br>SEDIMENT TRAP<br><br>CONSTRUCTION<br>DETAIL D-53<br>SECTION 163 |    | TEMPORARY POND WITH ROCK OUTLET DESIGNED TO STORE 67 CUBIC YARDS OF SEDIMENT PER DRAINAGE AREA. DRAINAGE AREA SHALL NOT EXCEED 5 ACRES. DISTINGUISHED FROM TEMPORARY SEDIMENT BASIN BY LACK OF PRINCIPAL SPILLWAY. MAXIMUM POND DEPTH FROM BOTTOM OF POND TO EMERGENCY SPILLWAY IS 4 FEET.                                                                                                                                                                                                                                            |
|       | SYMBOL<br><br>Sd4-C                                                                         |                                                                                       | A TEMPORARY SEDIMENT BASIN SHALL BE EVALUATED PRIOR TO CONSIDERING A TEMPORARY SEDIMENT TRAP. A TEMPORARY SEDIMENT TRAP IS IDEAL FOR SMALL AREAS WITH NO UNUSUAL DRAINAGE FEATURES AND EFFECTIVE AGAINST COARSE SEDIMENT, BUT NOT AGAINST SILT OR CLAY PARTICLES THAT REMAIN SUSPENDED.<br><br>REFER TO THE LATEST EDITION OF THE "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA" FOR DESIGN CRITERIA.                                                                                                                           |
| Sk    | FLOATING<br>SURFACE SKIMMER<br><br>CONSTRUCTION<br>DETAIL D-22A,<br>D-22B<br>SECTION 163    |    | A BUOYANT DEVICE THAT DRAINS WATER FROM THE SURFACE OF A TEMPORARY SEDIMENT BASIN AT A CONTROLLED FLOW RATE. THE INLET/ORIFICE SIZE IS DESIGNED TO DRAIN THE BASIN WITHIN 24 - 48 HOURS. THE SKIMMER INFORMATION SHALL BE PROVIDED IN CONJUNCTION WITH THE SEDIMENT BASIN INFORMATION IN PLANS. IF A SKIMMER IS INFEASIBLE, THE DESIGNER SHALL PROVIDE A WRITTEN JUSTIFICATION IN THE PLANS.                                                                                                                                          |
|       | SYMBOL<br><br>Sk                                                                            |                                                                                       | SKIMMERS ARE ATTACHED TO A RISER WITHOUT PERFORATIONS AND ACTS AS THE PRIMARY SPILLWAY. THE SKIMMER BMP SYMBOL SHALL BE SHOWN IN CONJUNCTION WITH THE TEMPORARY SEDIMENT BASIN BMP SYMBOL WHEN APPLICABLE.<br><br>REFER TO THE LATEST EDITION OF THE "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA" FOR ADDITIONAL INFORMATION.                                                                                                                                                                                                 |
| Sr    | TEMPORARY<br>STREAM CROSSING<br><br>SECTION 107                                             |  | A TEMPORARY STRUCTURE INSTALLED ACROSS A FLOWING STREAM OR WATERCOURSE FOR USE BY CONSTRUCTION EQUIPMENT. THIS BMP PROVIDES A MEANS TO CROSS STREAMS OR WATERCOURSES WITHOUT MOVING SEDIMENT INTO STREAMS, DAMAGING THE STREAM BED OR CHANNEL, OR CAUSING FLOODING. THIS BMP SHOULD NOT BE USED ON STREAMS WITH DRAINAGE AREAS GREATER THAN ONE SQUARE MILE, UNLESS SPECIFICALLY DESIGNED TO ACCOMMODATE THE ADDITIONAL DRAINAGE AREA BY THE DESIGN PROFESSIONAL. A CERTIFICATION STATEMENT AND SIGNATURE SHALL ACCOMPANY THE DESIGN. |
|       | SYMBOL<br><br>Sr                                                                            |                                                                                       | THIS BMP SHALL BE DESIGNED ACCORDING TO THE LATEST EDITION OF THE "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA".<br><br>FOR CONTRACTOR'S USE ONLY!                                                                                                                                                                                                                                                                                                                                                                             |

NOTE:

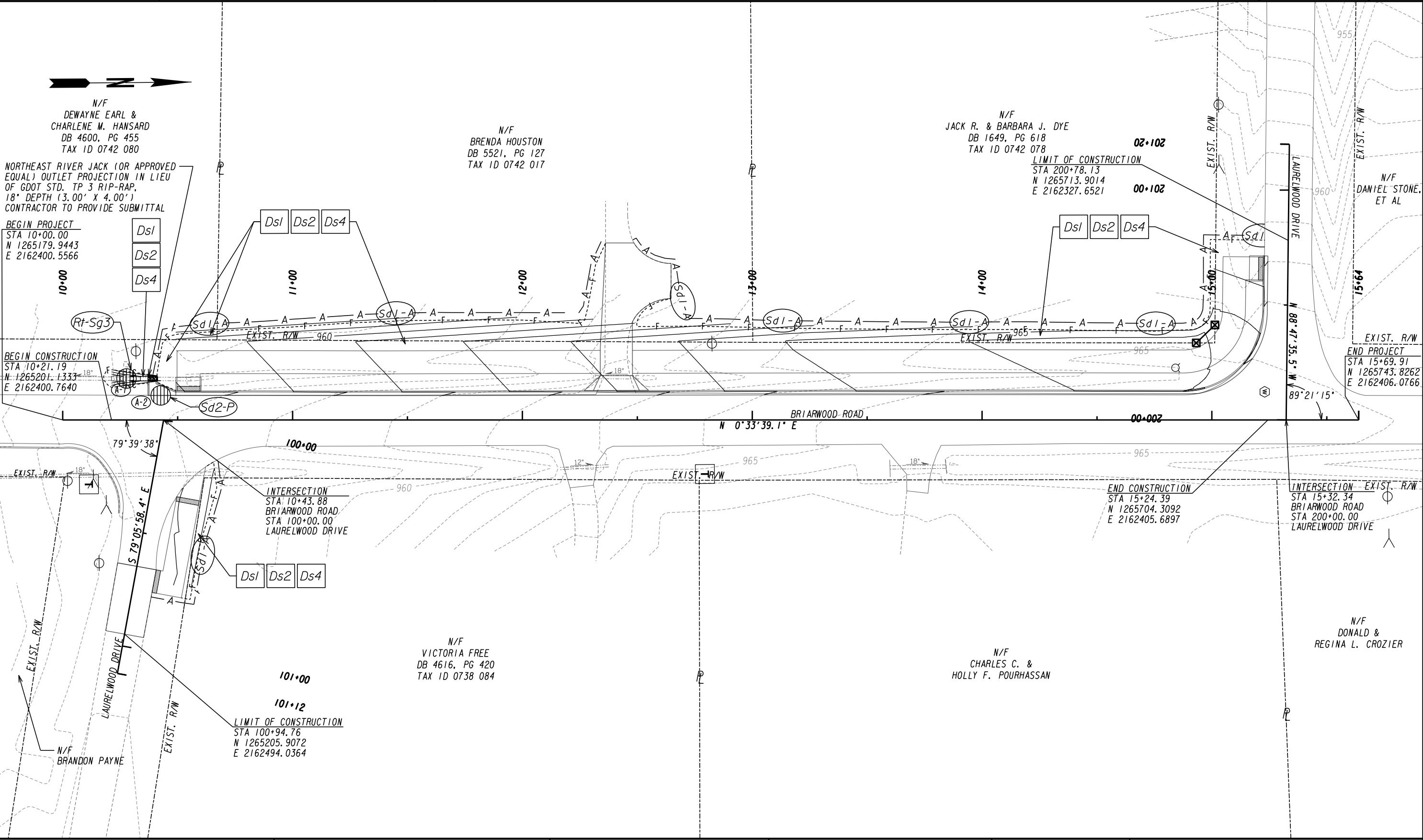
1. DO NOT USE EROSION CONTROL ITEMS IN A FLOWING STREAM OR IN A TIDAL AREA BELOW HIGH TIDE.
2. FOR ADDITIONAL INFORMATION ON THE DESIGN AND APPLICATION OF EROSION AND SEDIMENT CONTROL BEST MANAGEMENT PRACTICES (BMPs), REFER TO THE LATEST EDITION OF THE GEORGIA SOIL AND WATER CONSERVATION COMMISSION'S, "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA".

| REVISION DATES |  |  | EROSION CONTROL LEGEND              |  |       |             |
|----------------|--|--|-------------------------------------|--|-------|-------------|
|                |  |  | LAURELWOOD CONNECTOR MULTI-USE PATH |  |       |             |
|                |  |  | TOWN OF TYRONE, GA                  |  |       |             |
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|                |  |  |                                     |  |       | 52-0006     |

| <i>CODE</i> | <i>PRACTICE<br/>STD OR DETAIL<br/>SPEC. SECT.</i> | <i>DETAIL</i> | <i>DESCRIPTION</i> |
|-------------|---------------------------------------------------|---------------|--------------------|
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1. DO NOT USE EROSION CONTROL ITEMS IN A FLOWING STREAM OR IN A TIDAL AREA BELOW HIGH TIDE.
2. FOR ADDITIONAL INFORMATION ON THE DESIGN AND APPLICATION OF EROSION AND SEDIMENT CONTROL BEST MANAGEMENT PRACTICES (BMPs), REFER TO THE LATEST EDITION OF THE GEORGIA SOIL AND WATER CONSERVATION COMMISSION'S, "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA".

|                |  |  |                                                                                             |  |       |  |                            |
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| REVISION DATES |  |  | EROSION CONTROL LEGEND<br><br>LAURELWOOD CONNECTOR MULTI-USE PATH<br><br>TOWN OF TYRONE, GA |  |       |  |                            |
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PROPERTY AND EXISTING R/W LINE  
REQUIRED R/W LINE  
CONSTRUCTION LIMITS  
EASEMENT FOR CONSTR  
& MAINTENANCE OF SLOPES  
EASEMENT FOR CONSTR OF SLOPES  
EASEMENT FOR CONSTR OF DRIVES

---E---

---C---F---

BEGIN LIMIT OF ACCESS.....BLA  
END LIMIT OF ACCESS.....ELA  
REQ'D LIMIT OF ACCESS  
REQ'D LIMIT OF ACCESS & R/W  
ORANGE BARRIER FENCE  
ESA - ENV. SENSITIVE AREA  
(SEE ERIT TABLE)

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**Keck+Wood**  
COLLABORATION BY DESIGN  
3090 Premiere Parkway, Suite 200  
Duluth, GA 30097  
(678) 417-4000    keckwood.com

SCALE IN FEET

0    20    40    80

| REVISION DATES |             |
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| 08-27-2026     | ADDENDUM #1 |
|                |             |
|                |             |
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**BMP LOCATION DETAILS**  
LAURELWOOD CONNECTOR MULTI-USE PATH  
TOWN OF TYRONE, GA

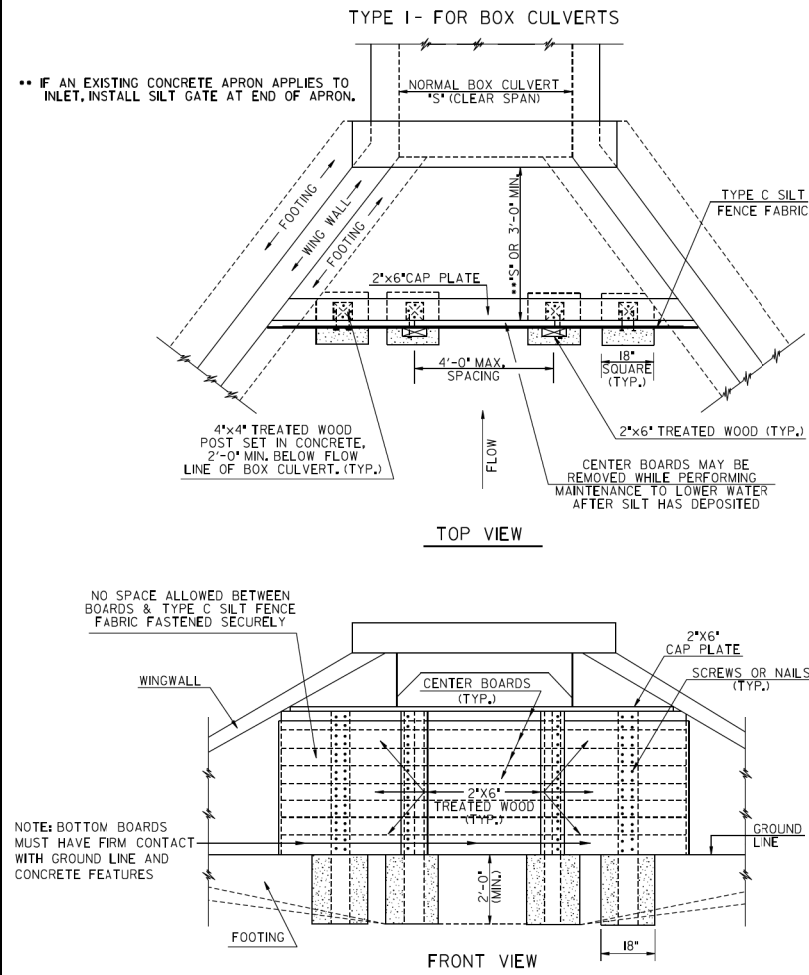
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**54-0001**



SILT CONTROL GATE TYPE 1 NOTES:

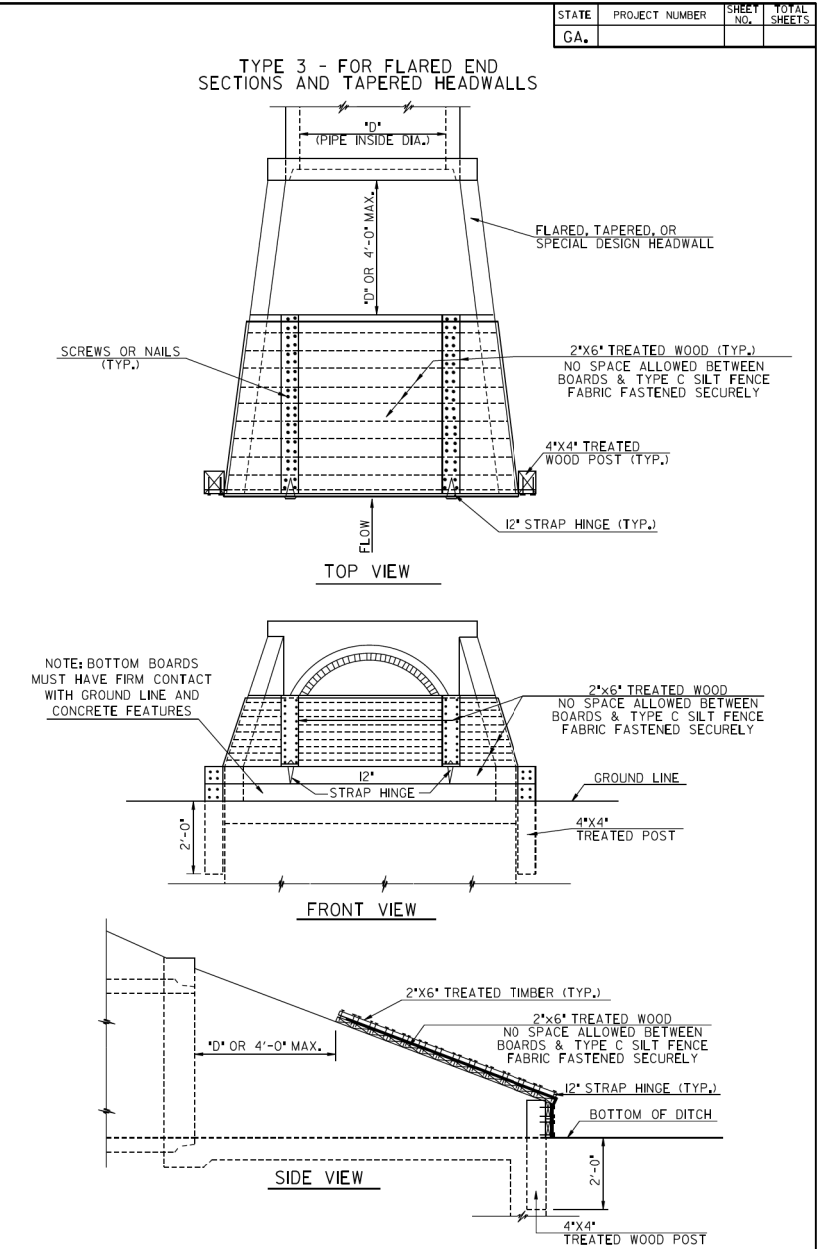
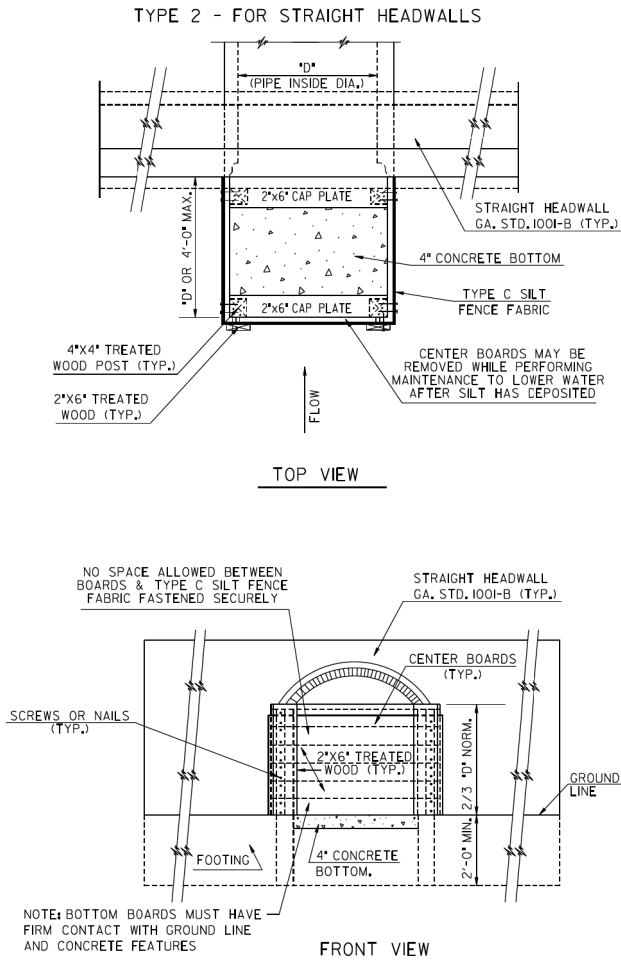
1. REFER TO GA. STD 2332 FOR CONCRETE APRONS.
2. SEE SECTION 163 FOR THE REMOVAL OF TYPE 1 SILT CONTROL GATES.

GENERAL NOTES:

1. A SILT CONTROL GATE IS A TEMPORARY STRUCTURE PLACED AT INLETS TO FORM A BASIN FOR TRAPPING SEDIMENT.
2. SILT GATES SHALL NOT BE USED ON STRUCTURES THAT CONVEY STATE WATERS.
3. SILT GATES SHALL ONLY BE USED ON DRAINAGE AREAS UP TO 50-ACRES WITH NO MORE THAN 5-ACRES DISTURBED WITHIN THE DRAINAGE AREA.
4. USE WOOD SCREWS OR NAILS TO CONNECT WOOD COMPONENTS WITH NO SPACE ALLOWED BETWEEN BOARDS. TYPE C SILT FENCE FABRIC MUST BE FASTENED SECURELY WITH STAPLES OR NAILS TO OUTSIDE FACE OF BOARDS AND COVERING ALL BUTT-JOINTS BETWEEN BOARDS. OVERLAP ADDITIONAL SILT FENCE FABRIC A MINIMUM OF 12-INCHES.
5. REMOVE SEDIMENT WHEN IT REACHES ONE-THIRD THE HEIGHT OF SILT CONTROL GATE AND SILT FENCE FABRIC SHALL BE REPLACED WHEN DAMAGED OR DETERIORATED.

PAY ITEMS:

|          |                                              |      |
|----------|----------------------------------------------|------|
| 163-0501 | CONSTRUCT AND REMOVE SILT CONTROL GATE, TP 1 | (EA) |
| 163-0502 | CONSTRUCT AND REMOVE SILT CONTROL GATE, TP 2 | (EA) |
| 163-0503 | CONSTRUCT AND REMOVE SILT CONTROL GATE, TP 3 | (EA) |
| 165-0085 | MAINTENANCE OF SILT CONTROL GATE, TP 1       | (EA) |
| 165-0086 | MAINTENANCE OF SILT CONTROL GATE, TP 2       | (EA) |
| 165-0087 | MAINTENANCE OF SILT CONTROL GATE, TP 3       | (EA) |



|        |          |                              |
|--------|----------|------------------------------|
| DATE   | 4-22-05  | DEPARTMENT OF TRANSPORTATION |
| BY     | 3-24-05  | STATE OF GEORGIA             |
| CHKD.  | 10-22-02 | CONSTRUCTION DETAILS         |
| APP'D. |          | SILT CONTROL GATES           |
|        |          | FOR STRUCTURES               |
|        |          | TYPE - 1, 2, AND 3           |
|        |          | NO SCALE                     |
|        |          | REV. & REDR. DEC., 2000      |
|        |          | NUMBER                       |
|        |          | D-20                         |

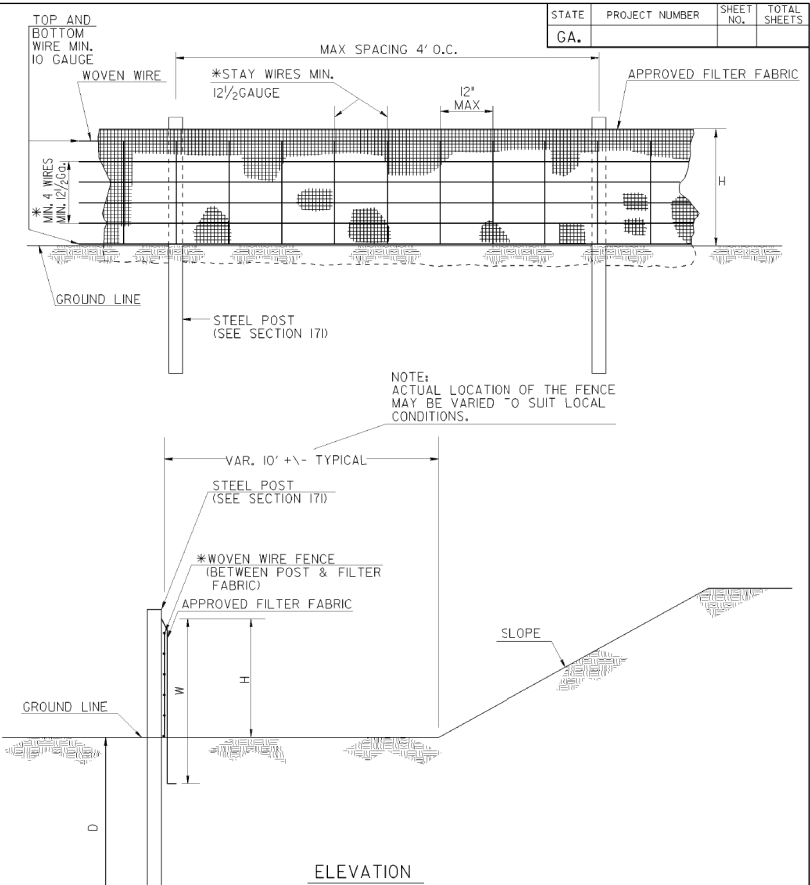
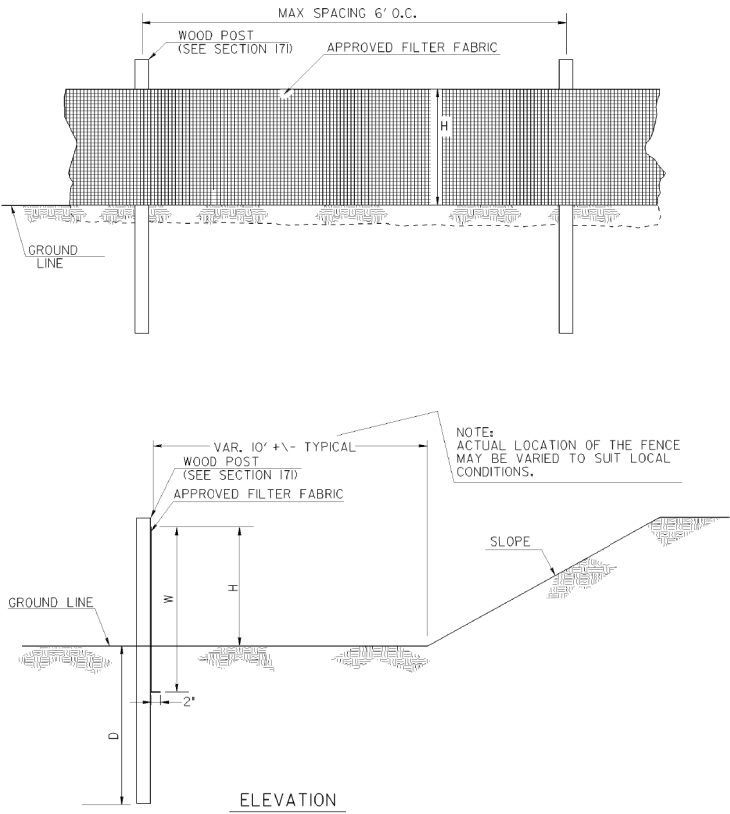
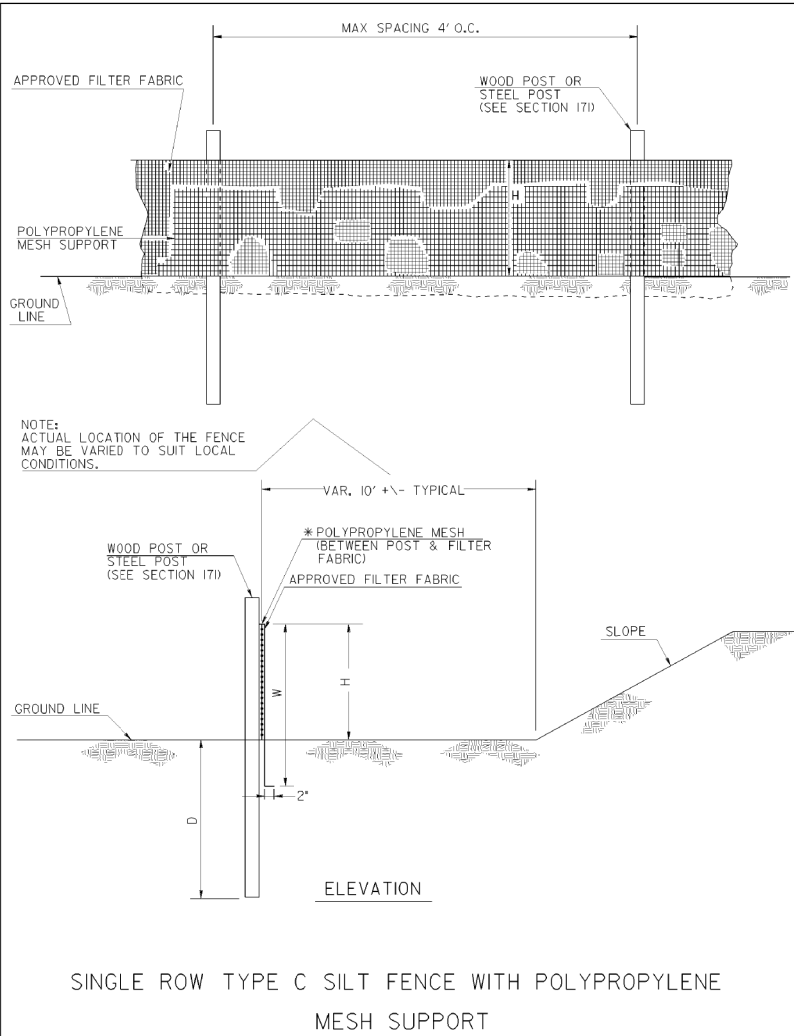
REVISION DATES

**EROSION CONTROL CONTRUCTION DETAILS**  
LAURELWOOD CONNECTOR MULTI-USE PATH  
TOWN OF TYRONE, GA

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| FENCE TYPE | POST LENGTH | H     | D     | W     | TYPICAL USES                                                                                                                                         |
|------------|-------------|-------|-------|-------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| TYPE "A"   | 4 FT.       | 2'-4" | 1'-6" | 3'-0" |                                                                                                                                                      |
| TYPE "C"   | 4 FT.       | 2'-4" | 1'-6" | 3'-0" | AT BRIDGE END ROLLS, DOUBLE ROW ALONG STREAMS, WETLANDS, AND ENVIRONMENTALLY SENSITIVE AREAS FOR USE OF THIS MATERIAL IN FABRIC CHECKDAMS SEE D-24D. |

NOTES:

1. WIRE STAPLES SHALL BE AT LEAST 17 GAUGE, WITH LEGS AT LEAST 1/2 INCHES LONG AND A CROWN AT LEAST 3/4 INCHES WIDE. NAILS SHALL BE AT LEAST 14 GAUGE, 1 INCH LONG, WITH BUTTON HEADS AT LEAST 3/4 INCHES WIDE.
2. NAILS OR STAPLES SHALL BE EVENLY PLACED WITH AT LEAST 5 PER POST FOR TYPE A FENCE AND 4 PER POST FOR TYPE C FENCE.
3. THE VERTICAL WIRES FOR THE WOVEN WIRE SUPPORT FENCE SHALL HAVE A MAXIMUM SPACING OF 12 INCHES. THE TOP AND BOTTOM WIRES SHALL BE AT LEAST 10 GAUGE AND ALL OTHER WIRES SHALL BE AT LEAST 12 1/2 GAUGE.
4. TEMPORARY SILT FENCE INSTALLATION IS DIFFERENT THAN THE SILT RETENTION BARRIER INSTALLATION.
5. SEE SECTION 171 FOR SILT FENCE SPECIFICATIONS.
6. SEE SECTION 894 FOR FENCING SPECIFICATIONS.
7. SEE QPL-36 FOR A LIST APPROVED SILT FENCE FABRIC.
8. TEMPORARY SILT FENCE SHALL NOT BE PLACED WITHIN STATE WATERS UNLESS PERMITTED.

| DATE     | DEPARTMENT OF TRANSPORTATION<br>STATE OF GEORGIA |  |                                   |
|----------|--------------------------------------------------|--|-----------------------------------|
| REVISION | CONSTRUCTION DETAILS<br>TEMPORARY SILT FENCE     |  |                                   |
| BY       | NO SCALE<br>REV. AND REDRAWN JAN. 2011           |  | NUMBER<br>D-24A<br>(SHEET 1 OF 4) |

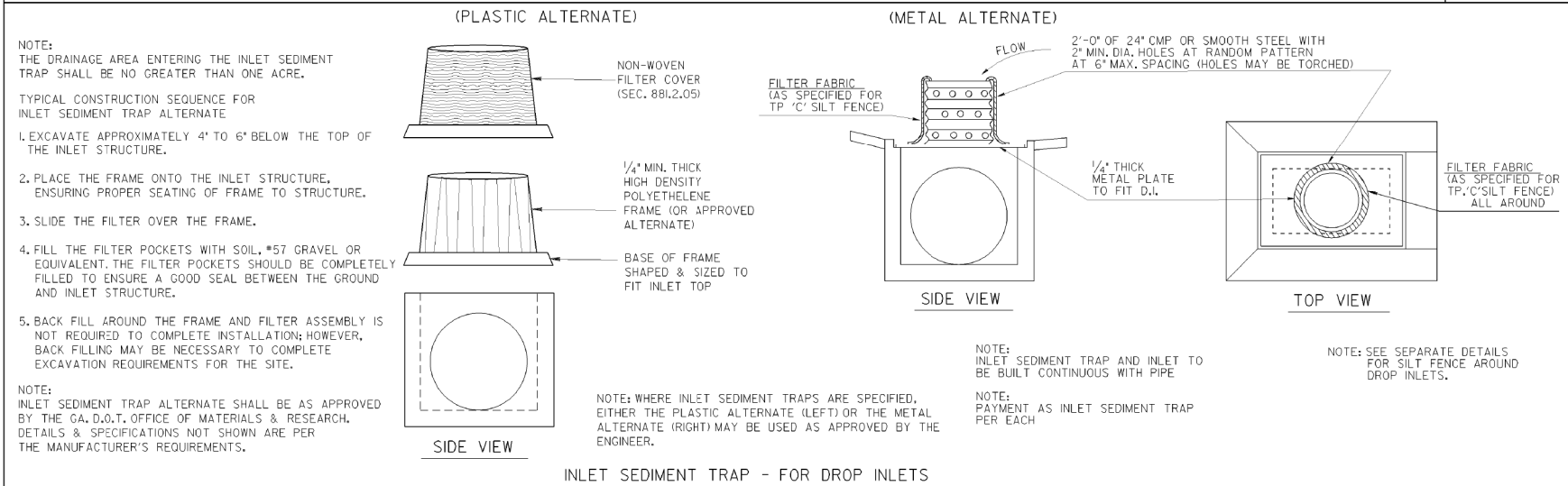
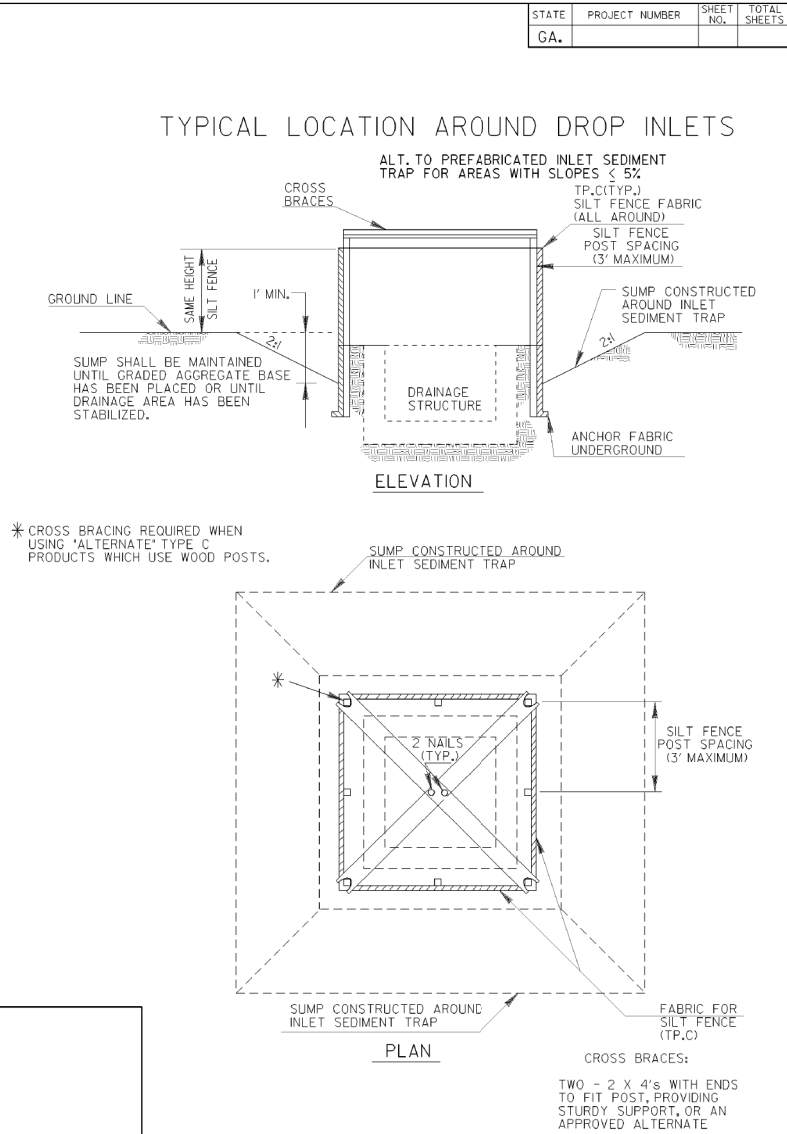
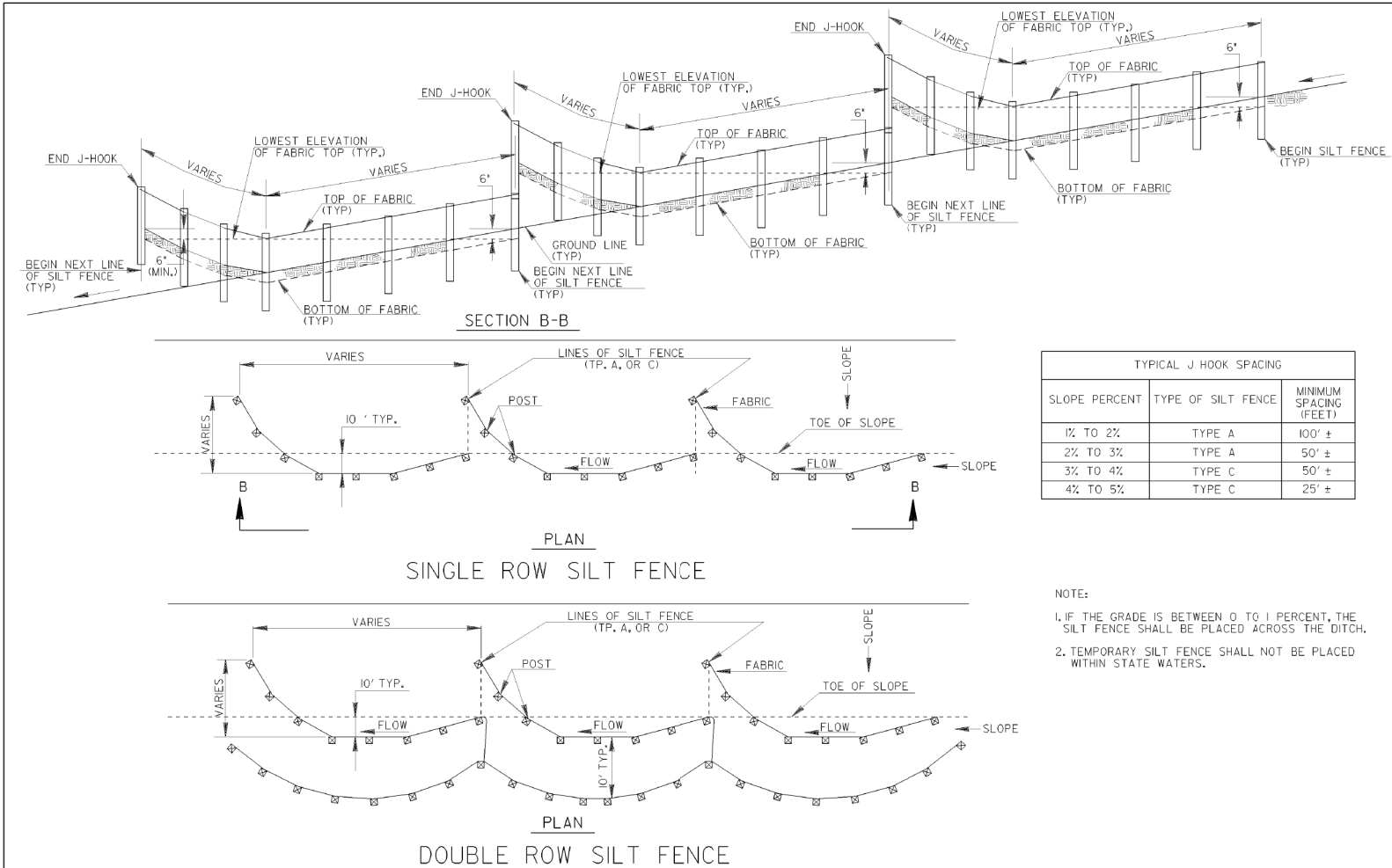
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REVISION DATES

**EROSION CONTROL CONTRUCTION DETAILS**  
LAURELWOOD CONNECTOR MULTI-USE PATH  
TOWN OF TYRONE, GA

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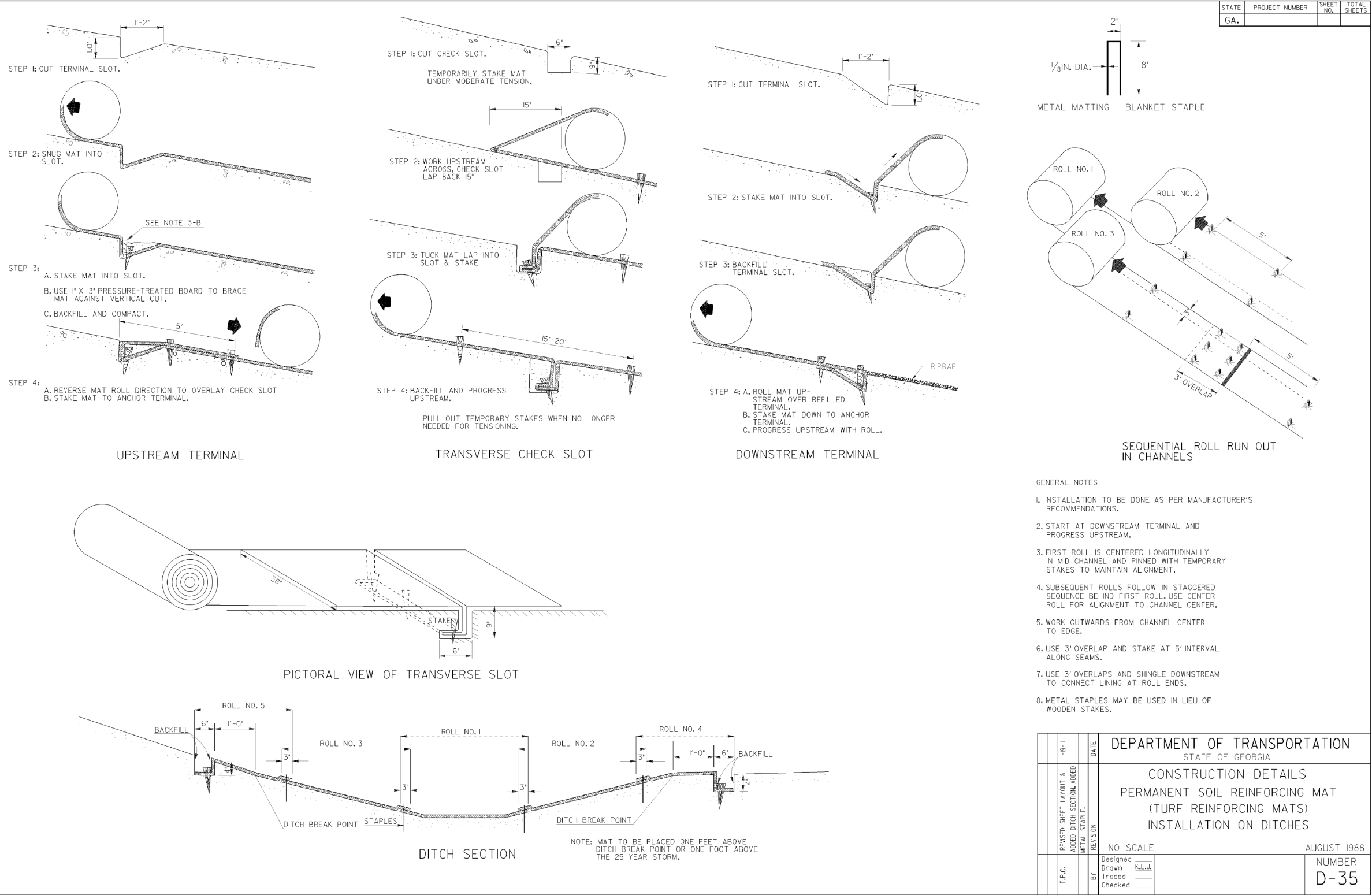
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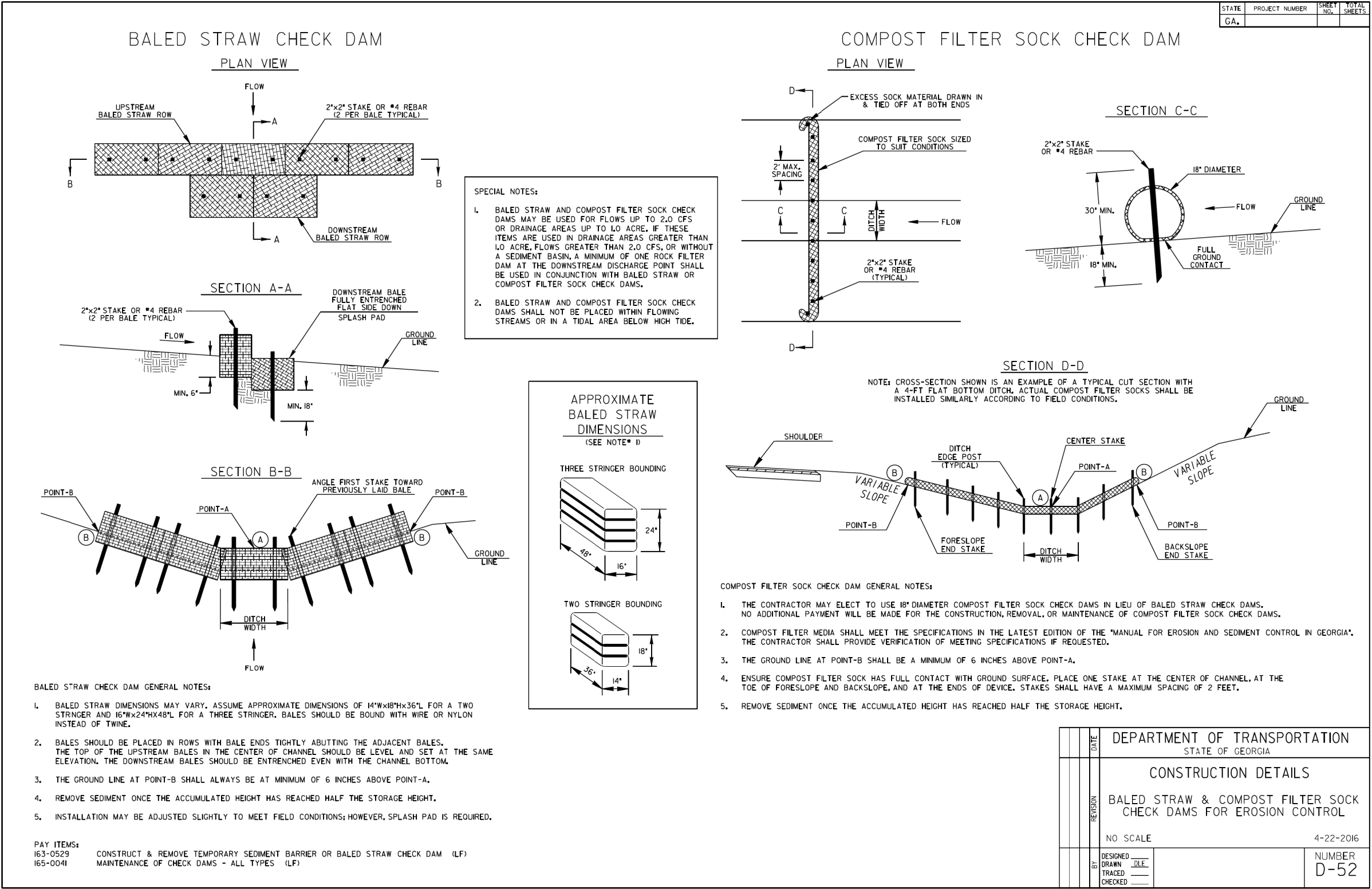
| DEPARTMENT OF TRANSPORTATION<br>STATE OF GEORGIA                             |  |                                   |  |
|------------------------------------------------------------------------------|--|-----------------------------------|--|
| CONSTRUCTION DETAILS<br>TEMPORARY SILT FENCE<br>J-HOOK, INLET SEDIMENT TRAPS |  |                                   |  |
| NO SCALE                                                                     |  | JANUARY 2011                      |  |
| BY                                                                           |  | NUMBER<br>D-24C<br>(SHEET 3 OF 4) |  |

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DEFINITION

Applying plant residues or other suitable materials, produced on the site if possible, to the soil surface.

CONDITIONS

Mulch or temporary grassing shall be applied to all exposed areas within 14 days of disturbance. Mulch can be used as a singular erosion control device for up to six months, but it shall be applied at the appropriate depth, depending on the material used, anchored, and have a continuous 90% cover or greater of the soil surface. Maintenance shall be required to maintain appropriate depth and 90% cover. Temporary vegetation may be employed instead of mulch if the area will remain undisturbed for greater than six months. If an area will remain undisturbed for greater than six months, permanent vegetative techniques shall be employed.

SPECIFICATIONS

MULCHING WITHOUT SEEDING

This standard applies to grades or cleared areas where seedings may not have a suitable growing season to produce an erosion retardant cover, but can be stabilized with a mulch cover.

Site Preparation

1. Grade to permit the use of equipment for applying and anchoring mulch.  
2. Install needed erosion control measures as required such as dikes, diversions, berms, terraces and sediment barriers.  
3. Loosen compact soil to a minimum depth of 3 inches.

Mulching Materials

Select one of the following materials and apply at the depth indicated:  
1. Dry straw or hay shall be applied at a depth of 2 to 4 inches providing complete soil coverage. One advantage of this material is easy application.

2

Wood waste (chips, sawdust or bark) shall be applied at a depth of 2 to 3 inches. Organic material from the clearing stage of development should remain on site, be chipped, and applied as mulch. This method of mulching can greatly reduce erosion control costs.  
3. Curback asphalt (slow curing) shall be applied at 1200 gallons per acre (or 1/4 gallon per sq.yd.)  
4. Polyethylene film shall be secured over banks or stockpiled soil material for temporary protection. This material can be salvaged and reused.

Applying Mulch

When mulch is used without seeding, mulch shall be applied to provide full coverage of the exposed area.  
1. Dry straw or hay mulch and wood chips shall be applied uniformly by hand or by mechanicequipment.  
2. If the area will eventually be covered with perennial vegetation, 20-30 pounds of nitrogen per acre in addition to the normal amount shall be applied to offset the uptake of nitrogen caused by the decomposition of the organic mulches.  
3. Curback asphalt shall be applied uniformly. Care should be taken in areas of pedestrian traffic due to problems of "tracking in" or damage to shoes, clothing, etc.  
4. Apply polyethylene film on exposed areas.

Anchoring Mulch

1. Straw or hay mulch can be pressed into the soil with a disk harrow with the disk set straight or with a special "pucker disk." Disks may be smooth or serrated and should be 20 inches or more in diameter and 8 to 12 inches apart. The edges of the disk should be dull enough not to cut the mulch but to press it into the soil leaving much of it in an erect position. Straw or hay mulch shall be anchored immediately after application. Straw or hay mulch spread with special blower-type equipment may be anchored with emulsified asphalt (Grade AE-5 or SS-1). The asphalt emulsion shall be sprayed onto the mulch as it is ejected from the machine. Use 100 gallons of emulsified asphalt and 100 gallons of water per ton of mulch. Tackifiers and binders can be substituted for emulsified asphalt. Please refer to specification Tb -Tackifiers and Binders. Plastic mesh or netting with mesh no larger than one inch by one inch shall be installed according to manufacturer's specifications.  
2. Netting of the appropriate size shall be used to anchor wood waste. Openings of the netting shall not be larger than the average size of the wood waste chips.  
3. Polyethylene film shall be anchor trenched at the top as well as incrementally as necessary.

Ds1

DISTURBED AREA STABILIZATION (WITH MULCHING ONLY)

DEFINITION

The establishment of temporary vegetative cover with fast growing seedlings for seasonal protection on disturbed or denuded areas.

CONDITIONS

Temporary grassing, instead of mulch, can be applied to rough graded areas that will be exposed for less than six months. Temporary vegetative measures should be coordinated with permanent measures to assure economical and effective stabilization. Most types of temporary vegetation are ideal to use as companion crops until the permanent vegetation is established, seeded.

SPECIFICATIONS

Grading and Shaping

Excessive water run-off shall be reduced by properly designed and installed erosion control practices such as closed drains, ditches, dikes, diversions, sediment barriers and others.

No shaping or grading is required if slopes can be stabilized by hand-seeded vegetation or if hydraulic seeding equipment is to be used.

Seedbed Preparation

When a hydraulic seeder is used, seedbed preparation is not required. When using conventional or handseeding, seedbed preparation is not required if the soil material is loose and not sealed by rainfall.

When soil has been sealed by rainfall or consists of smooth cut slopes, the soil shall be pitted, trenched or otherwise scarified to provide a place for seed to lodge and germinate.

Lime and Fertilizer

Agricultural lime is required unless soil tests indicate otherwise. Apply agricultural lime at a rate of one ten per acre. Graded areas require lime application. Soils can be tested to determine if fertilizer is needed. On reasonably fertile soils or soil material, fertilizer is not required. For soils with very low fertility, 500 to 700 pounds of 10-10-10 fertilizer or the equivalent per acre (12-16 lbs./1,000 sq. ft.) shall be applied. Fertilizer should be applied before land preparation and incorporated with a disk, ripper or chisel.

Seeding

Select a grass or grass-legume mixture suitable to the area and season of the year. Seed shall be applied uniformly by hand, cyclone seeder, drill, cultipacker seeder, or hydraulic seeder (slurry including seed and fertilizer). Drill or cultipacker seeders should normally place seed one-quarter to one-half inch deep. Appropriate depth of planting is ten times the seed diameter. Soil should be "raked" lightly to cover seed with soil if seeded by hand.

Mulching

Temporary vegetation can, in most cases, be established without the use of mulch. Mulch without seeding should be considered for short term protection. Refer to Ds1 - Disturbed Area Stabilization (With Mulching Only).

Irrigation

During times of drought, water shall be applied at a rate not causing runoff and erosion. The soil shall be thoroughly wetted to a depth that will insure germination of the seed. Subsequent applications should be made when needed.

SEEDING RATES FOR TEMPORARY SEEDING

| SPECIES           | RATE Per 1,000 sq.ft. | RATE Per Acre * | PLANTING DATES ** |
|-------------------|-----------------------|-----------------|-------------------|
| Rye               | 3.9 pounds            | 3 bu.           | 9/1-3/1           |
| Ryegrass          | 0.9 pound             | 40 lbs.         | 8/15-4/1          |
| Annual Lespedeza  | 0.9 pound             | 40 lbs.         | 1/15-5/15         |
| Weeping Lovegrass | 0.1 pound             | 4 lbs.          | 2/15-6/15         |
| Sudangrass        | 1.4 pounds            | 60 lbs.         | 3/1-8/1           |
| Browntop Millet   | 0.9 pound             | 40 lbs.         | 4/1-9/15          |
| Wheat             | 4.1 pounds            | 3 bu.           | 3/15-2/1          |

\* Unusual site conditions may require heavier seeding rates

\*\* Seeding dates may need to be altered to fit temperature variations and conditions.

Ds2

DISTURBED AREA STABILIZATION (WITH TEMPORARY SEEDING)

DEFINITION

A permanent vegetation using sods on highly erodible or critically eroded lands.

CONDITIONS

This application is appropriate for areas which require immediate vegetative covers, drop inlets, grass swales, and waterways with intermittent flow .

CONSTRUCTION SPECIFICATIONS INSTALLATION

Soil Preparation

- Bring soil surface to final grade. Clear surface of trash, woody debris, stones and clods larger than 1". Apply sod to soil surfaces only and not frozen surfaces, or gravel type soils.  
- Topsoil properly applied will help guarantee stand. Don't use topsoil recently treated with herbicides or soil sterilants.  
- Mix fertilizer into soil surface. Fertilize based on soil tests or Table 6-6.1. For fall planting of warm season species, half the fertilizer should be applied at planting and the other half in the spring.

Table 6-6.1. Fertilizer Requirements for Soil Surface Application

| Fertilizer Type (lbs./acre) | Fertilizer Rate (lbs./acre) | Fertilizer Rate | Season |
|-----------------------------|-----------------------------|-----------------|--------|
| 10-10-10                    | 1000                        | .025            | Fall   |

- Agricultural lime should be applied based on soil tests or at a rate of 1 to 2 tons per acre.

MAINTENANCE

- Re-sod areas where an adequate stand of sod is not obtained.  
- New sod should be mowed sparingly. Grass height should not be cut less than 2"-3" or as specified.  
- Apply one ton of agricultural lime as indicated by soil test or every 4-6 years.  
- Fertilize grasses in accordance with soil tests or Table 6-6.3.

Table 6-6.3. Fertilizer Requirements for Sod

| Types of Species    | Planting Year | Fertilizer (P-F-K) | Rate (lbs./acre) | Nitrogen Top Dressing Rate (lbs./acre) |
|---------------------|---------------|--------------------|------------------|----------------------------------------|
| Cool Season Grasses | First         | 6-12-12            | 1500             | 50-100                                 |
|                     | Second        | 6-12-12            | 1000             | -                                      |
|                     | Maintenance   | 10-10-10           | 400              | 30                                     |
| Warm Season Grasses | First         | 6-12-12            | 1500             | 50-100                                 |
|                     | Second        | 6-12-12            | 800              | 50-100                                 |
|                     | Maintenance   | 10-10-10           | 400              | 30                                     |

MATERIALS

- Sod selected should be certified. Sod grown in the general area of the project is desirable.  
- Sod should be machine cut and contain 3/4" ± 1/4" of soil, not including shoots or thatch.  
- Sod should be cut to the desired size within ±5%. Torn or uneven pads should be rejected.  
- Sod should be cut and installed within 36 hours of digging.  
- Avoid planting when subject to frost heave or hot weather if irrigation is not available.  
- The sod type should be shown on the plans or installed according to Table 6-6.2. See Figure 6-4.1 for your Resource Area.

Table 6-6.2. Sod Planting Requirements

| Grass         | Varieties                               | Resource Area                | Growing Season |
|---------------|-----------------------------------------|------------------------------|----------------|
| Bermudagrass  | Common<br>Tifway<br>Tifgreen<br>Tiflawn | M-L,P,C<br>P,C<br>P,C<br>P,C | Warm Weather   |
| Bahiagrass    | Pensacola                               | P,C                          | Warm Weather   |
| Centipede     | -                                       | P,C                          | Warm Weather   |
| St. Augustine | Common<br>Bitterblue<br>Raleigh         | C                            | Warm Weather   |
| Zoysia        | Emerald<br>Myer                         | P,C                          | Warm Weather   |
| Tall Fescue   | Kentucky                                | M-L,P                        | Cool Weather   |

Ds4

DISTURBED AREA STABILIZATION (WITH SODDING)

REVISION DATES

EROSION CONTROL CONTRUCTION DETAILS

LAURELWOOD CONNECTOR MULTI-USE PATH

TOWN OF TYRONE, GA

|              |  |       |  |             |
|--------------|--|-------|--|-------------|
| CHECKED:     |  | DATE: |  | DRAWING No. |
| BACKCHECKED: |  | DATE: |  |             |
| CORRECTED:   |  | DATE: |  |             |
| VERIFIED:    |  | DATE: |  |             |

56-0006



## LOCATION SKETCH

NOTE: THE CO-ORDINATES LISTED ARE WEST ZONE  
GRID CO-ORDINATES BASED ON THE GA. STATE PLANE  
CO-ORDINATE SYSTEM OF 1984.  
HORIZONTAL DATUM : NAD 83/94 HARN  
VERTICAL DATUM : NAVD 1988

TOWN OF TYRONE  
STATE OF GEORGIA

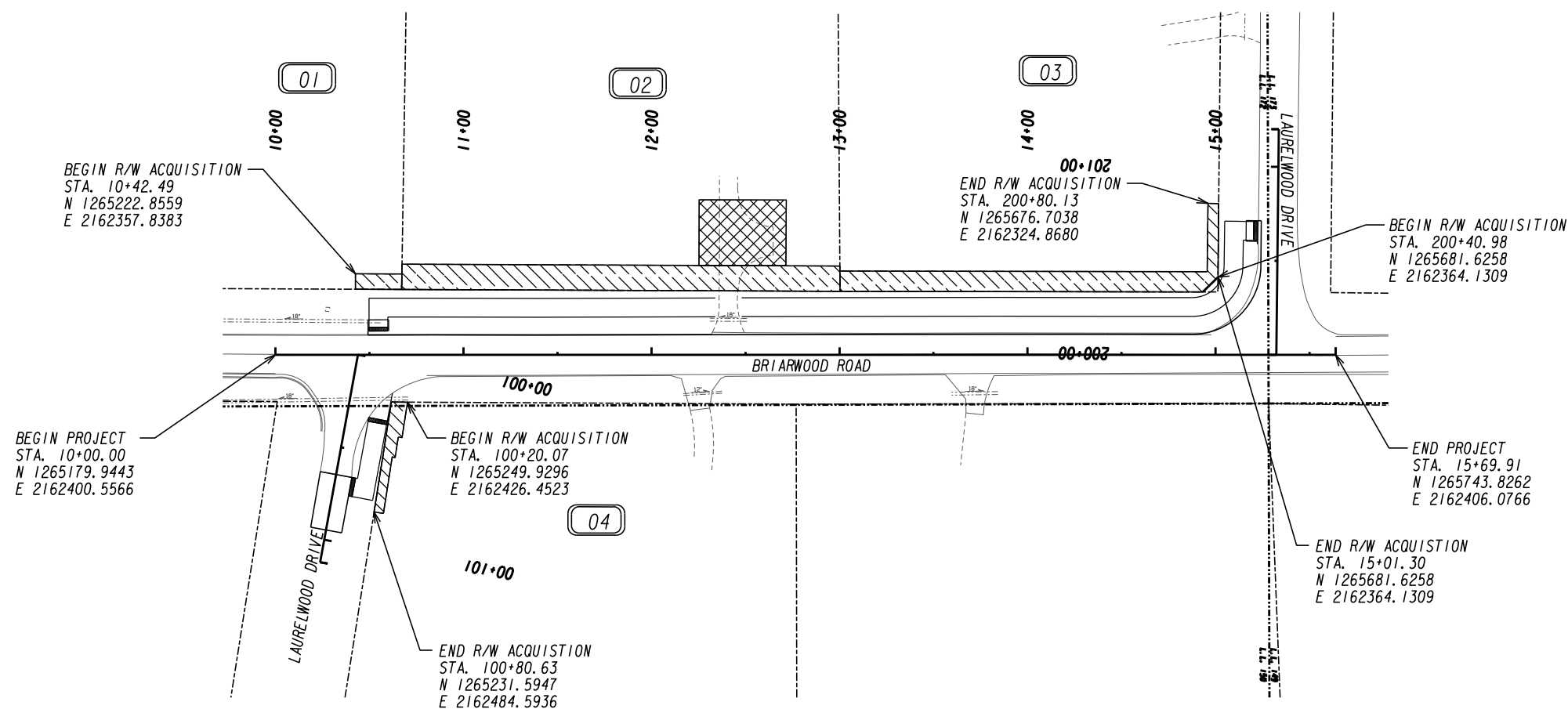
RIGHT OF WAY OF PROPOSED  
LAURELWOOD CONNECTOR  
MULTI-USE PATH  
FAYETTE COUNTY

FEDERAL ROUTE No.: N/A  
STATE ROUTE No.: N/A

**CONVENTIONAL SIGNS**

|                     |                                      |          |
|---------------------|--------------------------------------|----------|
| LAND LOT LINE ..... | -----                                |          |
| PROPERTY LINE ..... | -----                                |          |
| RIGHT OF WAY LINE { | EXISTING.....                        | -----    |
|                     | REQUIRED .....                       | -----    |
|                     | EXISTING LIMIT OF ACCESS .....       | -----    |
|                     | READ LIMIT OF ACCESS .....           | ooo----- |
|                     | EXISTING LIMIT OF ACCESS & R/W ..... | ooo----- |
|                     | READ LIMIT OF ACCESS & R/W .....     | -----    |
| R/W MARKERS.....    | -----                                |          |
| FENCE .....         | -----                                |          |

Legend: Box with cross symbol



**keck+Wood**  
COLLABORATION BY DESIGN  
3090 Premiere Parkway, Suite 200  
Duluth, GA 30097  
(678) 417-4000 [keckwood.com](http://keckwood.com)

PLANS PREPARED BY  
KECK & WOOD, INC.

PLANS COMPLETED DATE: 03/07/2024

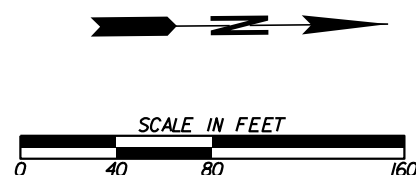
REVISIONS:

08-27-2026 ADDENDUM #1

DRAWING No.

60-0001

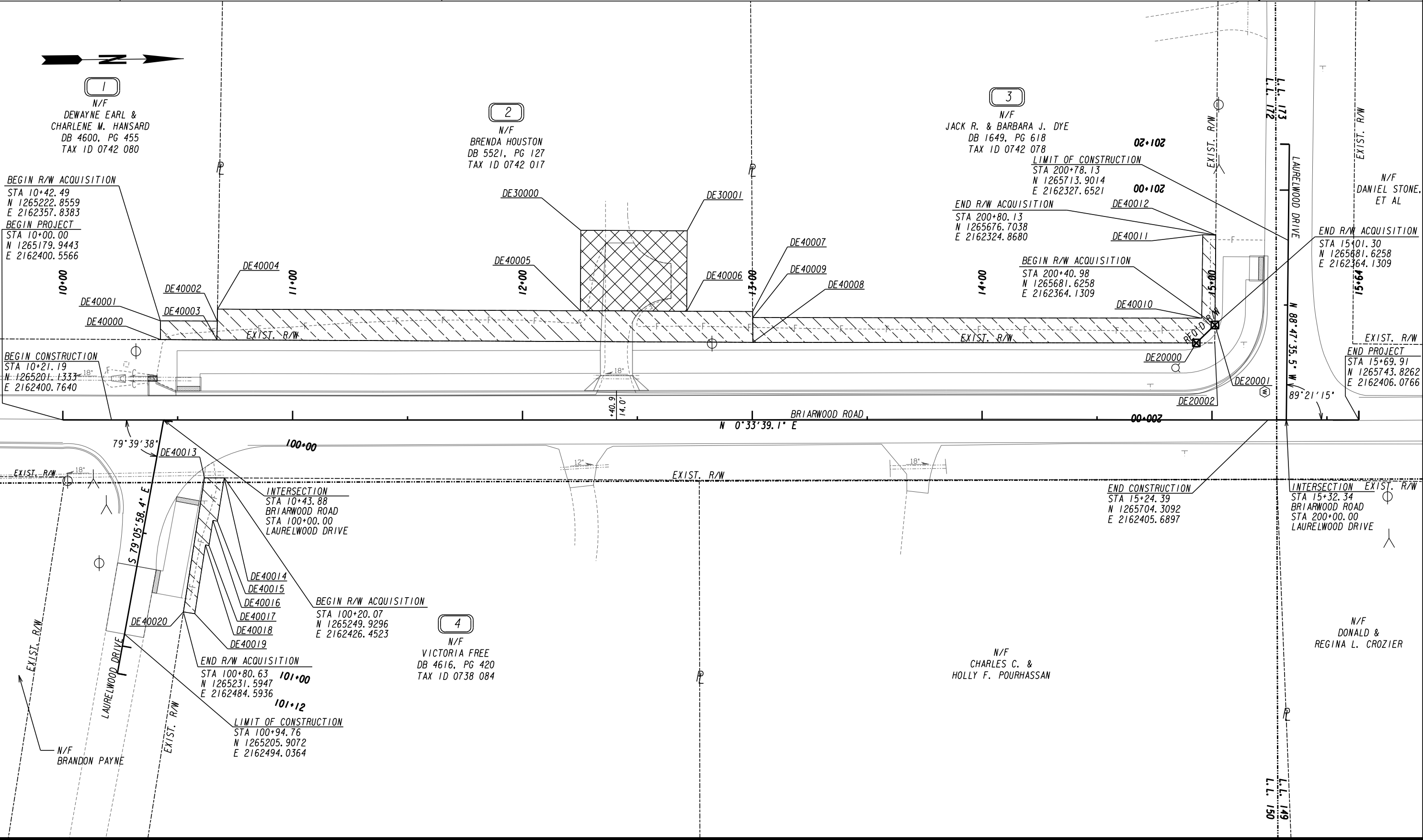
PROJECT NUMBER: 230345  
COUNTY: FAYETTE



| LENGTH OF RIGHT OF WAY PROJECT | COUNTY NO. |
|--------------------------------|------------|
|                                | 113        |
|                                | MILES      |
| NET LENGTH OF RIGHT OF WAY     | 0.002      |
| NET LENGTH OF BRIDGES          | 0.000      |
| NET LENGTH OF EXCEPTIONS       | 0.000      |
| GROSS LENGTH OF RIGHT OF WAY   | 0.002      |

THIS PROJECT IS LOCATED 100% IN FAYETTE COUNTY  
AND CONGRESSIONAL DISTRICT 03.





PROPERTY AND EXISTING R/W LINE  
REQUIRED R/W LINE  
CONSTRUCTION LIMITS  
EASEMENT FOR CONSTR  
& MAINTENANCE OF SLOPES  
EASEMENT FOR CONSTR OF SLOPES  
EASEMENT FOR CONSTR OF DRIVES

-----E-----

---C---F---

BEGIN LIMIT OF ACCESS.....BLA  
END LIMIT OF ACCESS.....ELA  
ORANGE BARRIER FENCE  
ESA - ENV. SENSITIVE AREA

SCALE IN FEET

0

20

40

80

DATE

REVISIONS

08-27-2026

ADDENDUM #1

DATE

REVISIONS

TOWN OF TYRONE

RIGHT OF WAY MAP

PROJECT NO: 230345  
COUNTY: FAYETTE  
LAND LOT NO: 150/172  
LAND DISTRICT: 7  
GMD: N/A  
DATE 03-07-2024 SH 2 OF SH 3

DRAWING No.  
60-0002

7/31/2015 GRWPLN

| Parcel 1 TESMT    |                 |   |                     |  | REQ'D TEMP. EASM'T. |       | DE01 TEMP  |  |
|-------------------|-----------------|---|---------------------|--|---------------------|-------|------------|--|
| PNT               | OFFSET/         |   | STATION/            |  | ALIGNMENT           |       |            |  |
| DE40000           | 34.93           | L | 10+42.50            |  | Briarwood Road      |       |            |  |
| DE40001           | 43.14           | L | 10+42.49            |  | Briarwood Road      |       |            |  |
| DE40002           | 43.01           | L | 10+67.23            |  | Briarwood Road      |       |            |  |
| DE40003           | 34.81           | L | 10+67.10            |  | Briarwood Road      |       |            |  |
| DE40000           | 34.93           | L | 10+42.50            |  | Briarwood Road      |       |            |  |
| REQD EASMT AREA = |                 |   |                     |  | 202.43              | SF    |            |  |
| Parcel 2 TESMT    |                 |   |                     |  | REQ'D TEMP. EASM'T. |       | DE02 TEMP  |  |
| PNT               | OFFSET/         |   | STATION/            |  | ALIGNMENT           |       |            |  |
| DE40003           | 34.81           | L | 10+67.10            |  | Briarwood Road      |       |            |  |
| DE40004           | 48.20           | L | 10+67.31            |  | Briarwood Road      |       |            |  |
| DE40007           | 47.19           | L | 13+00.15            |  | Briarwood Road      |       |            |  |
| DE40008           | 33.80           | L | 13+00.23            |  | Briarwood Road      |       |            |  |
| DE40003           | 34.81           | L | 10+67.10            |  | Briarwood Road      |       |            |  |
| REQD EASMT AREA = |                 |   |                     |  | 3121.06             | SF    |            |  |
| Parcel 2 DWESMT   |                 |   |                     |  | REQ'D DRWY. EASM'T. |       | DE02 DRIVE |  |
| PNT               | OFFSET/         |   | STATION/            |  | ALIGNMENT           |       |            |  |
| DE40005           | 47.52           | L | 12+25.20            |  | Briarwood Road      |       |            |  |
| DE30000           | 82.52           | L | 12+25.36            |  | Briarwood Road      |       |            |  |
| DE30001           | 82.32           | L | 12+71.67            |  | Briarwood Road      |       |            |  |
| DE40006           | 47.32           | L | 12+71.51            |  | Briarwood Road      |       |            |  |
| DE40005           | 47.52           | L | 12+25.20            |  | Briarwood Road      |       |            |  |
| Parcel 3 TESMT    |                 |   |                     |  | REQ'D TEMP. EASM'T. |       | DE03 TEMP  |  |
| PNT               | OFFSET/         |   | STATION/            |  | ALIGNMENT           |       |            |  |
| DE40008           | 33.80           | L | 13+00.23            |  | Briarwood Road      |       |            |  |
| DE40009           | 44.56           | L | 13+00.16            |  | Briarwood Road      |       |            |  |
| DE40010           | 44.26           | L | 14+95.55            |  | Briarwood Road      |       |            |  |
| DE40011           | 37.25           | L | 200+80.13           |  | Laurelwood Drive    |       |            |  |
| DE40012           | 31.57           | L | 200+80.13           |  | Laurelwood Drive    |       |            |  |
| DE20001           | 41.33           | L | 15+01.30            |  | Briarwood Road      |       |            |  |
| DE20000           | 33.50           | L | 14+93.19            |  | Briarwood Road      |       |            |  |
| DE40008           | 33.80           | L | 13+00.23            |  | Briarwood Road      |       |            |  |
| REQD EASMT AREA = |                 |   |                     |  | 2339.75             | SF    |            |  |
| Parcel 3 REQD RW  |                 |   |                     |  | REQ'D R/W           |       | DE03 REQD  |  |
| PNT               | OFFSET/<br>DIST |   | STATION/<br>BEARING |  | ALIGNMENT           |       |            |  |
| DE20000           | 33.50           | L | 14+93.19            |  | Briarwood Road      |       |            |  |
|                   | 11.27           |   | N 43°26'26.9" W     |  |                     |       |            |  |
| DE20001           | 41.33           | L | 15+01.30            |  | Briarwood Road      |       |            |  |
|                   | 7.84            |   | S 88°53'28.3" E     |  |                     |       |            |  |
| DE20002           | 33.49           | L | 15+01.23            |  | Briarwood Road      |       |            |  |
|                   | 8.03            |   | S 0°38'52.2" W      |  |                     |       |            |  |
| DE20000           | 33.50           | L | 14+93.19            |  | Briarwood Road      |       |            |  |
| REQD R/W =        |                 |   |                     |  | 31.50               | SF    |            |  |
| REQD R/W =        |                 |   |                     |  | 0.001               | ACRES |            |  |
| REMAINDER =       |                 |   |                     |  | +/- 1.0028          | ACRES |            |  |
| Parcel 4 TESMT    |                 |   |                     |  | REQ'D TEMP. EASM'T. |       | DE04 TEMP  |  |
| PNT               | OFFSET/         |   | STATION/            |  | ALIGNMENT           |       |            |  |
| DE40013           | 21.98           | L | 100+21.57           |  | Laurelwood Drive    |       |            |  |
| DE40014           | 30.45           | L | 100+20.07           |  | Laurelwood Drive    |       |            |  |
| DE40015           | 30.92           | L | 100+39.12           |  | Laurelwood Drive    |       |            |  |
| DE40016           | 28.92           | L | 100+39.17           |  | Laurelwood Drive    |       |            |  |
| DE40017           | 29.19           | L | 100+50.20           |  | Laurelwood Drive    |       |            |  |
| DE40018           | 27.69           | L | 100+50.24           |  | Laurelwood Drive    |       |            |  |
| DE40019           | 28.44           | L | 100+80.51           |  | Laurelwood Drive    |       |            |  |
| DE40020           | 23.44           | L | 100+80.63           |  | Laurelwood Drive    |       |            |  |
| DE40013           | 21.98           | L | 100+21.57           |  | Laurelwood Drive    |       |            |  |
| REQD EASMT AREA = |                 |   |                     |  | 379.60              | SF    |            |  |

PROPERTY AND EXISTING R/W LINE  
REQUIRED R/W LINE  
CONSTRUCTION LIMITS  
EASEMENT FOR CONSTR  
& MAINTENANCE OF SLOPES  
EASEMENT FOR CONSTR OF SLOPES  
EASEMENT FOR CONSTR OF DRIVES

-----E-----  
-----C-----F-----

BEGIN LIMIT OF ACCESS.....BLA  
END LIMIT OF ACCESS.....ELA  
ORANGE BARRIER FENCE  
ESA - ENV. SENSITIVE AREA

SCALE IN FEET  
0204080

| DATE       | REVISIONS   | DATE | REVISIONS |
|------------|-------------|------|-----------|
| 08-27-2026 | ADDENDUM #1 |      |           |
|            |             |      |           |
|            |             |      |           |
|            |             |      |           |

TOWN OF TYRONE

RIGHT OF WAY MAP

PROJECT NO: 230345  
COUNTY: FAYETTE  
LAND LOT NO: 150/172  
LAND DISTRICT: 7  
GMD: N/A  
DATE 03-07-2024 SH 3 OF SH 3

DRAWING No.  
60-0003

7/31/2015GRWPLN