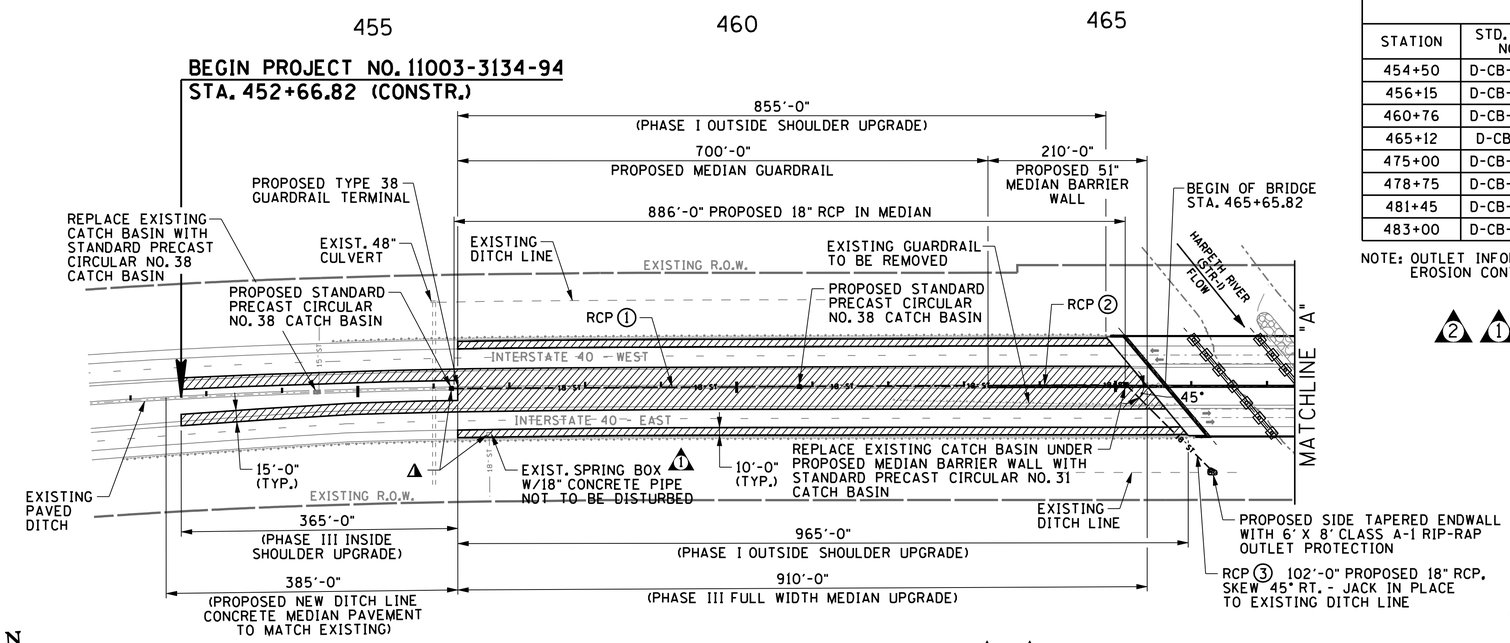
TENNESSEE D.O.T. | DESIGN DIVISION | FILE NO.



PLAN - WEST APPROACH 1 5

N

▲ DENOTES: CONTRACTOR SHALL USE EXTREME CAUTION WHEN WORKING ON SHOULDER IN VICINITY OF EXISTING SPRING BOX AND WHEN WORKING IN MEDIAN IN THE VICINITY OF THE EXISTING CULVERT

2 5

NOTE: COST OF REMOVAL OF EXISTING LONGITUDINAL CABLE BARRIER TO BE INCLUDED IN COST OF ALL ITEMS BID.

NOTE: THE STATIONING SHOWN ARE BASED ON THE ORIGINAL BRIDGE AND ROADWAY PLANS.

NOTE: CONTRACTOR SHALL VERIFY ALL SLOPES, ELEVATIONS AND DIMENSIONS BEFORE ORDERING DRAINAGE STRUCTURES.

NOTE: REFER TO STANDARD DRAWINGS D-CB-31R AND D-CB-38RB FOR DETAILS ON PROPOSED CATCH BASINS.

NOTE: REFER TO TYPICAL SECTIONS, SHEET NO. 2D, FOR SHOULDER AND MEDIAN UPGRADES AND ANDERSON FARM ROAD SECTION RELOCATION.

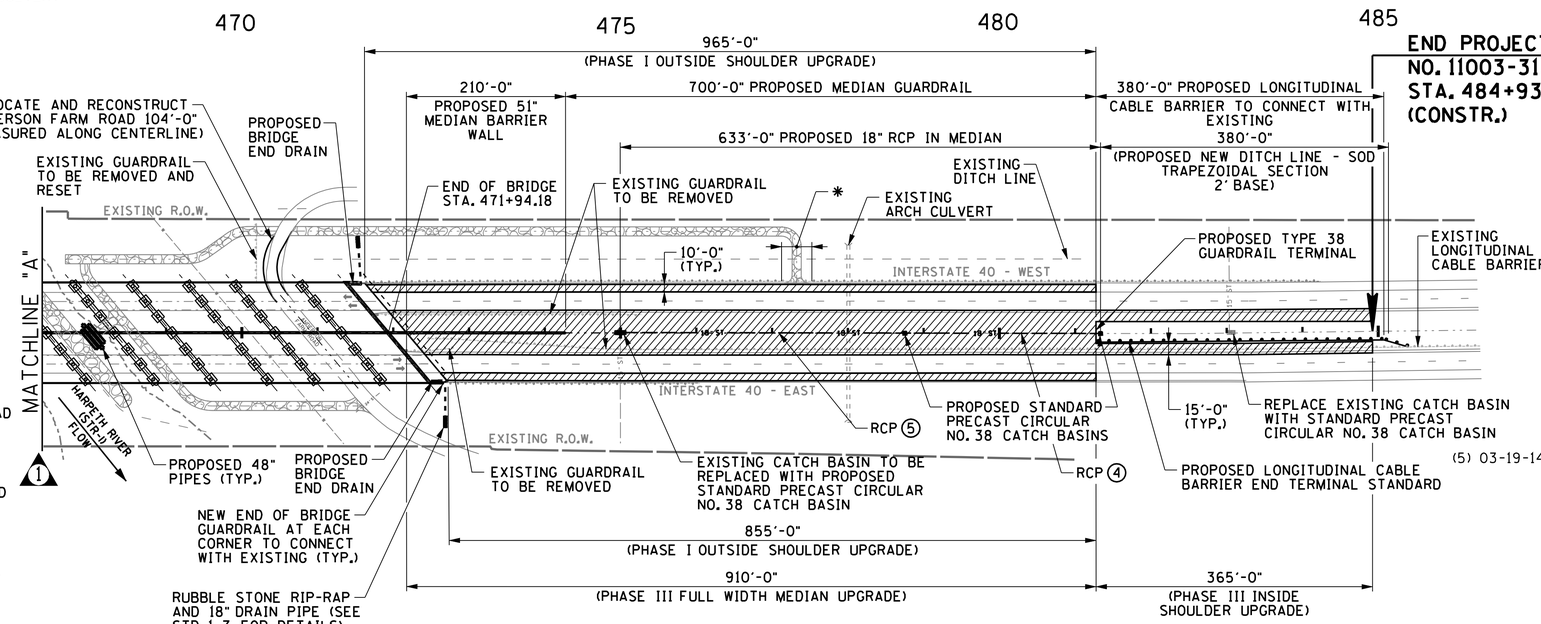
NOTE: ALL RELOCATION WORK ON ANDERSON FARM ROAD SHALL BE DONE INSIDE THE EXISTING R.O.W.

NOTE: EXISTING GUARDRAIL WITHIN MEDIAN UPGRADE LIMITS SHALL BE REMOVED AND RETURNED TO TDOT'S MAINTENANCE DEPARTMENT. COST FOR REMOVING EXISTING GUARDRAIL TO BE INCLUDED IN ITEM NO. 706-01, GUARDRAIL REMOVED, L.F.

NOTE: FOR INSTALLATION OF GUARDRAIL, SEE STD. DWGS. S-PL-3, S-PL-6, S-GR31-1, S-GR31-2, S-GRC-1, AND S-GRC-2.

NOTE: SEE BRIDGE DRAWING NO. BR-113-22, LAYOUT OF BRIDGE TO BE REPAIRED, FOR PROPOSED GRADE SKETCH.

NOTE: FOR DETAILS OF BRIDGE END DRAINS, SEE STD. DWGS. STD-1-6, STD-1-7 AND STD-1-9.



PLAN - EAST APPROACH 1 3 5

* DENOTES: THIS SECTION OF GUARDRAIL TO BE REMOVED AND RESET FOR HAUL ROAD ACCESS UNDER ITEM NO. 706-02.01. GUARDRAIL REMOVED AND RESET, L.F.

DRAINAGE STRUCTURES 1 2

STATION	STD. DWG. NO.	INSIDE DIAMETER	INVERT ELEVATIONS IN	INVERT ELEVATIONS OUT	GRATE ELEVATIONS	BOTTOM ELEVATIONS
454+50	D-CB-38RB	84"		572.63	576.80	571.10
456+15	D-CB-38RB	84"		567.47	572.15	566.13
460+76	D-CB-38RB	84"	553.85	553.65	560.78	552.35
465+12	D-CB-31R	84"	541.15	541.00	548.34	539.75
475+00	D-CB-38RB	84"	527.58	527.33	534.47	526.00
478+75	D-CB-38RB	84"	530.55	530.45	536.37	529.15
481+45	D-CB-38RB	84"		532.72	537.60	531.42
483+00	D-CB-38RB	84"		535.15	540.45	533.85

NOTE: OUTLET INFORMATION SHOWN ON SHEET 4B, EROSION CONTROL PLAN.

TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2014	11003-3134-94	3
CONST.	2014	BR-1-40-3(155)	3

(1) 02-05-13 JRG ADDED TO 18" CONC. PIPE NOTE, ADDED ITEM NO. 706-01 TO GUARDRAIL NOTE, CHANGED PIPE LENGTH IN STORMWATER DRAINAGE TABLE, AND ADDED BRIDGE END DRAIN OUTLET PIPE TO EAST APPROACH, REVISED GRATE ELEVATIONS IN DRAINAGE STRUCTURES TABLE

STORMWATER DRAINAGE (PROPOSED REINFORCED CONCRETE PIPES) 2 1

LOCATION	CLASS/SHAPE	DIAMETER	CROWN ELEVATION	% GRADE	LENGTH (FT)	PIPE BEDDING MATERIAL (C.Y.)
RCP ① - CB STA. 456+15 TO CB 460+76	III/ROUND	18"	568.97	3.00	454	97
RCP ② - CB STA. 460+76 TO CB 465+12	III/ROUND	18"	555.15	2.90	431	92
RCP ③ - CB STA. 465+12 (45° RT.) TO OUTLET 465+82 OFFSET 73' RT.	IV/ROUND (JACK IN PLACE)	18"	542.50	1.50	102	*
RCP ④ - CB STA. 481+45 TO CB 478+75	III/ROUND	18"	534.22	0.78	263	57
RCP ⑤ - CB STA. 478+75 TO CB 475+00	III/ROUND	18"	531.95	0.80	368	79

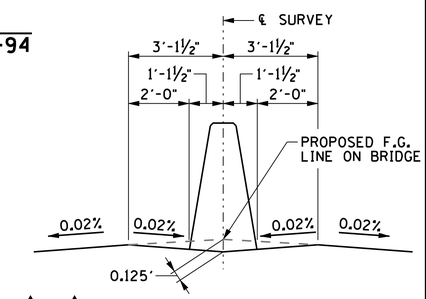
CB DENOTES: CATCH BASIN

NOTE: ALL EXCAVATION AND BEDDING MATERIAL NECESSARY FOR PIPE INSTALLATION IS INCLUDED IN THE COST OF ITEM NO. 607-03.02, 18" CONCRETE PIPE CULVERT (CLASS III), L.F.

* DENOTES: ALL COSTS TO INSTALL JACKED IN PLACE PIPE SHALL BE INCLUDED IN ITEM NO. 607-03.05, 18" CONCRETE PIPE CULVERT (CLASS IV) JACKED IN PLACE, L.F.

(2) 04-26-13 JRG EDITED DRAINAGE STRUCTURES AND STORMWATER DRAINAGE TABLES, ADDED NOTE, EDITED STATION

(3) 11-06-13 JRG EDITED HAUL ROAD ADDED 5- 48" PIPES ON EAST APPROACH



2 1 PROPOSED ROADWAY CROSS-SECTION AT MEDIAN

(N.T.S.)

(WEST APPROACH STA. 456+32 TO STA. 465+15)
(EAST APPROACH STA. 474+29 TO STA. 481+28)

(5) 03-19-14 JRG REPLACED CRASH CUSHION WITH TYPE 38 GUARDRAIL TERMINAL AND UPDATED GUARDRAIL STANDARD DRAWINGS IN NOTE

JAMES R. GILLESPIE, JR. REGISTERED ENGINEER AGRICULTURE No. 102690 STATE OF TENNESSEE
04/04/2014

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PROPOSED LAYOUT

STA. 452+00 TO STA. 486+00

SCALE: 1"=100'