

STATE OF TENNESSEE DEPARTMENT OF TRANSPORTATION

ROADWAY DESIGN DIVISION

SUITE 1300 JAMES K. POLK BUILDING 505 DEADERICK STREET NASHVILLE, TENNESSEE 37243-3848 (615) 741-2221

JOHN C. SCHROER COMMISSIONER BILL HASLAM GOVERNOR

INSTRUCTIONAL BULLETIN NO. 18-02 REVISED DISTRIBUTION LISTS AND FORMS

Effective immediately, the following forms and distribution lists in the Roadway Design Guidelines have been updated:

Section 1-120.21 – FIELD REVIEW DISTRIBUTION BY EMAIL – Updated Table 1-2 Internal Distribution List

Section 1-120.22 – FIELD REVIEW PLANS DISTRIBUTION OUTSIDE THE DEPARTMENT - Updated Table 1-3 External Distribution List

Section 3-400.25 – SUBMITTALS OF ROW APPRAISALS AND ACQUISITION - Updated Distribution List

Section 3-405.00 - RIGHT-OF-WAY REVISIONS - Updated Distribution List

Section 4-140.00 – SUBMITTAL OF CONSTRUCTION PROJECT PLANS - Updated Distribution List

Section 4-140.02 – LETTING REVISIONS - Updated Distribution List

Section 4-150.00 - CONSTRUCTION REVISIONS - Updated Distribution List

Additional Survey Request Form
CADD Plan Files Disclaimer
Construction Plans Revision
Construction Plans Submittal
Crash Data Request
Design Exception Request and Justification
Estimate Revision Request
Field Review Notification
Letting Plans Revision
NEPA Green Sheet Certification
NEPA Re-Evaluation
NEPA Resurfacing Plans Certification of Scope of Work
Pavement Design Request
(Review)

Proposed Retaining Wall Design

Public Hearing Notice
Public Meeting Checklist
Public Meeting Pre-Questionnaire
Roadway Design Division Letterhead
ROW Incidental Approval Request
ROW or Utilities Only Funding Approval Request
ROW Plans Revision
ROW Plans Submittal
Site Review
Soils and Geology Report Request
Traffic Report Request
Utility CADD Plan Files Disclaimer

The Pedestrian Accessibility and Bicycle Accommodation Checklist and the Resurfacing Safety Checklist have been incorporated into the Resurfacing PS&E Report and are voided. Sections 1-200.12 and 1-200.15 will be updated at a later time.

Updated templates, distribution lists and district maps are attached to this instructional bulletin. Associated figures in the Roadway Design Guidelines for these templates will be updated at a later time.

This IB voids IB 17-15.

Jennifer Vloyd, PE Civil Engineering Director Roadway Design Division



Emails/Appointments shall be sent for each distribution listed in numbers 1-4 <u>unless</u> otherwise noted within Table 1-2:

- 1. Preliminary, Site, R.O.W., and Construction Field Reviews
- 2. R.O.W. Plans Submittals and R.O.W. Revisions
- 3. Construction Plans Submittal for Lettings and Letting Revisions
- 4. Construction Revisions

Bid Analysis and Estimating Office #3 and #4, Revisions Only. For R.O.W. revisions, submit updated estimate when significant changes occur in R.O.W. estimate.	TDOT.EstimatingOffice@tn.gov
Consultant Projects (TDOT Managed) HQ Roadway Design Manager (if consultant project with HQ Oversight)	Use individual email address Use individual email address
Construction (HQ) #1 Only	TDOT.HQ.Construction@tn.gov
Construction (HQ) Estimates #3 Only	TDOT.Construction.Estimates@tn.gov
District Operations Refer to Regional District Maps to locate appropriate district by county location. If a project is in two counties thus in two districts, contact regional Operations Directors to verify which district office will oversee the project. All Except #2	TDOT.R1.D17@tn.gov TDOT.R1.D18@tn.gov TDOT.R1.D19@tn.gov TDOT.R2.D27@tn.gov TDOT.R2.D28@tn.gov TDOT.R2.D29@tn.gov TDOT.R3.D37@tn.gov TDOT.R3.D38@tn.gov TDOT.R3.D39@tn.gov TDOT.R4.D47@tn.gov TDOT.R4.D48@tn.gov TDOT.R4.D49@tn.gov
Environmental Coordinator (Regional)	R1.EnvTechOffice@tn.gov R2.EnvTechOffice@tn.gov R3.EnvTechOffice@tn.gov R4.EnvTechOffice@tn.gov



Environmental Division (HQ)	TDOT.Env.AirNoise@tn.gov TDOT.Env.Archaeology@tn.gov TDOT.Env.Ecology@tn.gov TDOT.Env.HazmatOffice@tn.gov TDOT.Env.Historic@tn.gov TDOT.Env.NEPA@tn.gov TDOT.Env.NEPA@tn.gov
Geotechnical Engineering Section	TDOT.Geotech@tn.gov
Maintenance (Construction Field Review Only) #1 Construction Field Review Only	TDOT.HQ.Maintenance@tn.gov TDOT.RG1.Maintenance@tn.gov TDOT.RG2.Maintenance@tn.gov TDOT.RG3.Maintenance@tn.gov TDOT.RG4.Maintenance@tn.gov
Operations Director (Regional Directors are included in this email account) All Except #2	TDOT.R1.OD@tn.gov TDOT.R2.OD@tn.gov TDOT.R3.OD@tn.gov TDOT.R4.OD@tn.gov
Pavement Design #1 Only, Exclude Site Review	TDOT.PavementDesign@tn.gov
Plans Assembly #3 and #4 Only	Eplans.Turnins@tn.gov
Printing Services Superintendent #3 Only	TDOT.PrintShopLettingInfo@tn.gov
Program Development & Scheduling Office #2 and #3, Submittal Only on #2	TDOT.PDSO@tn.gov
Project Development Director	TDOT.R1.PDD@tn.gov TDOT.R2.PDD@tn.gov TDOT.R3.PDD@tn.gov TDOT.R4.PDD@tn.gov



Quality Assurance/Quality Control #1 Only	TDOT.QualityAssurance@tn.gov
Right of Way/Utilities (HQ) Railroad Coordinator	TDOT.HQ.ROW@tn.gov Use same address for Railroad Coordinator but note in email that railroad is involved.
Right of Way/Utilities (Regional)	TDOT.RG1.ROW@tn.gov TDOT.RG2.ROW@tn.gov TDOT.RG3.ROW@tn.gov TDOT.RG4.ROW@tn.gov TDOT.RG4.ROW@tn.gov TDOT.R1.UTIL@tn.gov TDOT.R2.UTIL@tn.gov TDOT.R3.UTIL@tn.gov TDOT.R4.UTIL@tn.gov
Roadway Design Division File Room #3 and #4 Only	TDOT.DesignFileRoom@tn.gov
Roadway Design Division Revisions #2, #3 and #4 Revisions Only	TDOT.DesignRevisions@tn.gov
Safety Coordinators (Regional) #1 Only	Use individual email address.
Strategic Transportation Investment Division (STID) All Except #4	TDOT.STID.R1@tn.gov TDOT.STID.R2@tn.gov TDOT.STID.R3@tn.gov TDOT.STID.R4@tn.gov



Structures (hydraulics and structures) (retaining walls) Distribute for #'s 1-4 if structure and/or retaining wall is in plans	TDOT.Structures@tn.gov TDOT.StructuresRW@tn.gov
Traffic Operations (HQ) (ITS Infrastructure) (Signals, Lighting, and/or Signing) Distribute for #'s 1-4 only if ITS and/or signals, lighting, and/or signing is in plans	TDOT_ITS@tn.gov (note underscore) TDOT.SignalsLighting@tn.gov
Traffic Engineer (Regional) #1 Only	Use individual email address.

NOTE: PLEASE REFER TO THE MOST RECENT DISTRIBUTION FORMS FOR ALL REQUESTS AND DELIVERABLES. THESE FORMS ALSO CONTAIN THE EMAIL ADDRESSES THAT SHOULD BE INCLUDED IN A DISTRIBUTION. THE DISTRIBUTION FORMS (DDOCS.ZIP) CAN BE DOWNLOADED FROM THE FOLLOWING LINK:

https://www.tn.gov/tdot/roadway-design/design-standards/design-cadd-files.html



TABLE 1-3, EXTERNAL AGENCIES OR MUNICIPALITIES DISTRIBUTION LIST

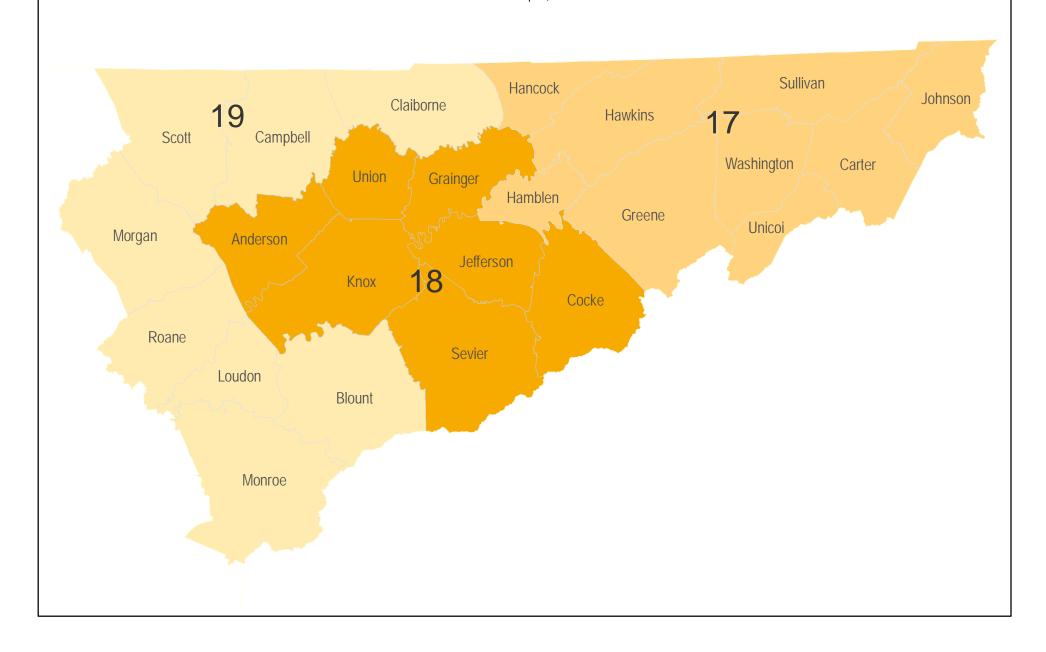
One half size set of plans and the Distribution letter shall be sent for each distribution listed in number 1.

1. Preliminary, Site, R.O.W., and Construction Field Reviews

Federal Highway Administration (FHWA) Area Engineer or Operations Program Manager for ITS for projects as noted below: Plans should be distributed on new and reconstruction projects on the Interstate System, Projects of Divisional Interest (PODI) or Appalachian Development Projects. Distribute for #1 Only	Use following link to obtain Area Engineer or Operations Program Contact: (https://www.fhwa.dot.gov/tndiv/staff.cfm)
City and/or County Mayor, Director of Public Works, AND Highway Chief Administrator Officer Distribute for # 1 Only	City and/or County shall be contacted for each distribution to ensure information is correct and personnel have not changed.
UTILITIES Cable Electric Fiber Gas Phone Water/Sewer (Other) Distribute for # 1 Only	Project Delivery Personnel shall contact regional utilities offices to ensure utility contacts shown in the Survey.dgn file are correct prior to distribution of plans.

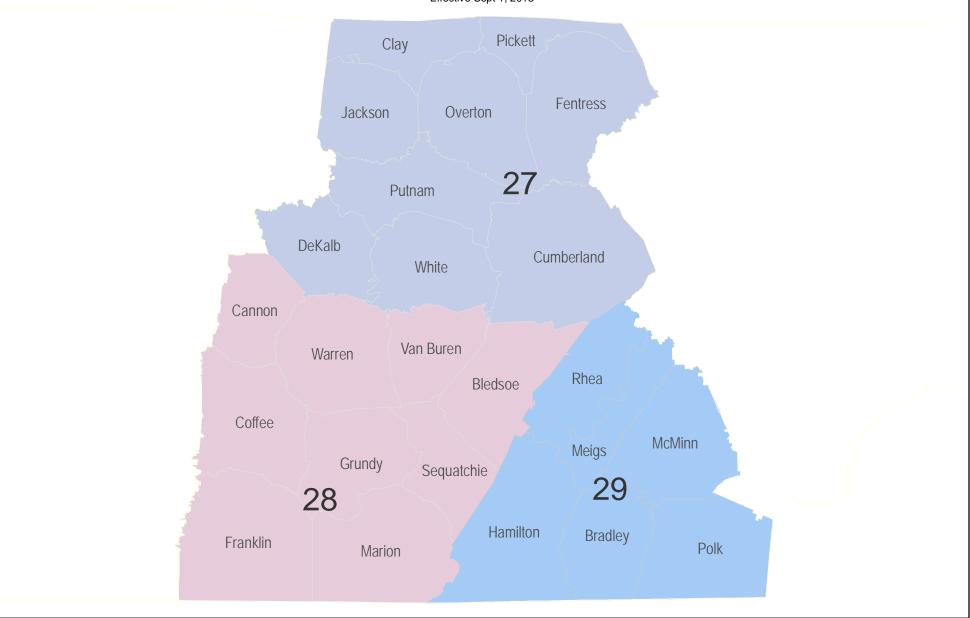


Effective Sept 1, 2013



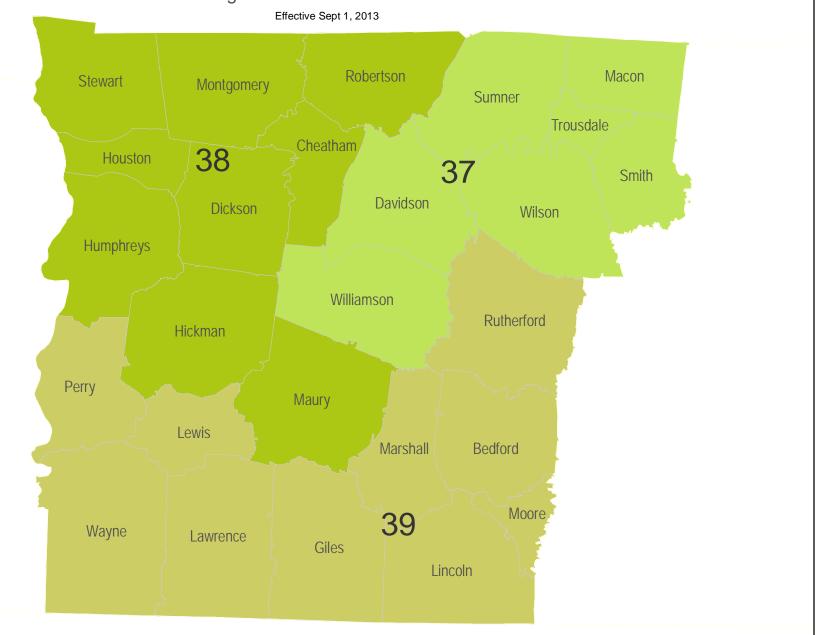


Effective Sept 1, 2013





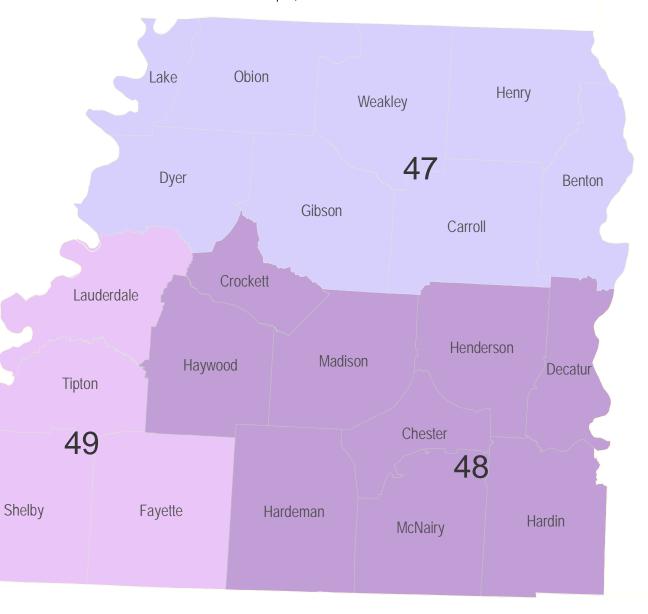
Region 3 - District Boundaries





Region 4 - District Boundaries

Effective Sept 1, 2013



TENNESSEE DEPARTMENT OF TRANSPORTATION

	FILL IN AUTOMATIC FILL IN AUTOMATIC FILL IN AUTOMATIC	
CHOOSE REGIONAL SU FROM RIGHT		
INFORMATION REQUES	STED BY: CHOOSE FROM RIGHT ========>>>>	
Date: Subject: Additional In County: PIN Number: P.E. No.: Route No.: From: To:	FORM COMPLETED BY: your name here	
USE MARKED PRINTS O	PLEASE FURNISH ADDITIONAL INFORMATION AS REQUESTED. OR OTHER METHOD SHOWING AREA #'s, CHECK ITEM REQUIRED BELOW AND LIST	
AREA #'s FOR EACH, IN	SPACE PROVIDED. DESCRIBE ANY SPECIFICS IF REQUIRED.	
Extend Survey:		
Modified Alignment Update:		
Topo:	area #1, 3, 4 & 6 (THIS IS AN EXAMPLE REMOVE IF NOT REQUIRED)	
Locate Wetlands: Locate Septic Systems:		
Environmental Features:		
DTM:		
Properties/Pres. ROW:		
ROW Acq. Table Data:	_	
Profiles:		
Utilities:		
Drainage Area:		
Locate Wells:		
Locate Fuel Tanks w/info:		
Bridge Survey:		
Historical Features:		
Railroad Survey:		
Other:		
With Electronic files:	Survey DGN File	



CADD Plan Files Disclaimer and Limitation of Liability Agreement

The Tennessee Department of Transportation (TDOT) is committed to providing electronic access to files. TDOT does not possess a staff that is available to provide technical support to outside parties who receive CADD files. It is important, therefore, that all potential users of these files read the following disclaimer and accept its terms as prerequisite to the use of the files.

- 1. TDOT makes no warranty of any kind, express or implied, with respect to the file(s) subject to this agreement, and specifically makes no warranty that said file(s) shall be fit for any particular purpose. Furthermore, any description of said file(s) shall not be deemed to create an express warranty that such file(s) shall conform to said description.
- 2. Receiver assumes all risk and liability for any losses, damages, claims or expenses resulting from the use or possession of any file(s) furnished by TDOT pursuant to this agreement.
- 3. Receiver agrees to indemnify, defend and hold harmless to the extent permitted by law TDOT, its officers, agents, and employees from and against any and all claims, suits, losses, damages and costs, including reasonable attorney's fees, arising from or by reason of receiver's use or possession with respect to any of the file(s) furnished by TDOT pursuant to this agreement, and such indemnification shall survive acceptance of said file(s) by receiver.
- 4. All design files are MicroStation™ drawing files (*.dgn). Receiver agrees that TDOT cannot provide the files in other file formats, and agrees to accept the file(s) in the format provided. Receiver agrees that TDOT cannot be held responsible for problems arising from files which have been converted for use in non-native applications (e.g. MicroStation design files to Autocad).
- 5. Since revisions or additions to the design file(s) may occur at any time, the receiver agrees to indemnify, defend and hold harmless to the extent permitted by law TDOT, its officers, agents, and employees from and against any and all claims, suits, losses, damages or costs, including reasonable attorney's fees, arising from the use of outdated design files, and such indemnification shall survive acceptance of said file(s) by receiver.
- 6. The design files are copyrighted by the Tennessee Department of Transportation and may not be resold.
- 7. These terms and conditions constitute the complete and final agreement of the parties hereto.

The undersigned is authorized by		
to execute this agreement on its behalf.	(Firm/Agency)	
accept the aforementioned terms and	d conditions.	
Project:		
File(s):		
Signature (Receiver)	Firm /Agency	Date



CONSTRUCTION PLANS REVISION

TO:	Choose Regional Director
FROM:	
DATE:	Click here to enter a date.
SUBJECT:	COUNTY: PIN: PROJECT NO.: PROJECT DESCRIPTION: LETTING DATE: Click here to enter a date. CONTRACT NO:
Project has ra	ilroad involvement
The following	items were revised:
Displacem Length (de New strea ROW Acq Typical Se Other chai	(description) nent changes escription) ms being disturbed uisition Acres (including new disturbance within existing ROW, new easement) ection (description) nges that affect the project footprint nges that do not affect the project footprint of Revision:
Sheets Revise	ed (Nos.):
Sheets Added	(Nos.):
Sheets Elimina	ated (Nos.):
Plan Revision	Date: Click here to enter a date.
Revision Com	pleted By:

Rev. 1/29/18

The following items were placed on FileNet Click here to enter a date.

- 1. PDF Filename: nnnnnn-nn-Construction-Rev-mm-dd-yy.pdf
- 2. ZIP Filename: nnnnnn-nn-Construction-Rev-mm-dd-yy.zip

Item 1 shall be a PDF Portfolio including current Construction revision letter, previous Construction revision letters, Letting revisions letters, Construction transmittal letter, and complete plan set containing each sealed sheet.

Item 2 shall include all Microstation and GEOPAK files.

Email notification including PDF of revision letter and sealed revised sheets

CC: District Operations: <u>Choose District</u>

Environmental Coordinator (Regional): Choose Region

Environmental Division: <u>TDOT.Env.AirNoise@tn.gov</u>

TDOT.Env.Archaeology@tn.gov
TDOT.Env.Ecology@tn.gov

TDOT.Env.HazmatOffice@tn.gov

TDOT.Env.Historic@tn.gov TDOT.Env.NEPA@tn.gov TDOT.Env.Permits@tn.gov

Geotechnical Engineering Section: TDOT.Geotech@tn.gov

Operations Director (Regional): Choose Region

Plans Assembly <u>Eplans.Turnins@tn.gov</u>

Project Development Director (Regional): Choose Region

Right-of-Way Director (HQ): TDOT.HQ.ROW@tn.gov

Note in distribution if railroad involved
Right-of-Way Office (Regional):
Choose Region

Choose Region

TDOT.DesignFileRoom@tn.gov

Roadway Design Division Revisions

TDOT.DesignRevisions@tn.gov

Structures Division:

If plans include Structures <u>TDOT.Structures@tn.gov</u>
If plans include Retaining Walls <u>TDOT.Structures@tn.gov</u>
TDOT.StructuresRW@tn.gov

If plans include Retaining Walls <u>TDOT.StructuresRW@tn.go</u>
Traffic Operations Division:

If plans include ITS Communication

TDOT_ITS@tn.gov

TDOT_Signals_lighting@tn.gov

If plans include signals and/or lighting TDOT.SignalsLighting@tn.gov

Utility Office (Regional): Choose Region



CONSTRUCTION PLANS SUBMITTAL

ГО:	Plans Assembly, Eplans.Turnins@tn.gov	
FROM:		
DATE:	Click here to enter a date.	
SUBJE	ECT: COUNTY: PIN: PROJECT NO. PROJECT DESCRIPTION: LETTING DATE:	
	lowing completed Construction Plan items for the referenced project are being transmitted for the ere to enter a date Letting Process.	е
	Original Construction Drawings (Sheets) Original Roadway Cross-Sections (Sheets) Original R.O.W. Title Sheet Grading Quantities (nnnnnn-nn-GradingQuantities.pdf) (Email Only) Resurfacing Plans (Sheets) Estimate nnnnn-nn-ConstructionEstimate.xlsx (Excel file placed on FileNet and attached in Email distribution) Project has railroad involvement	
The fol	lowing items were placed on FileNet Click here to enter a date.	
2.	PDF Filename: nnnnnn-nn-Construction.pdf ZIP Filename: nnnnnn-nn-Construction.zip Estimate: nnnnnn-nn-ConstructionEstimate.xlsx	
	shall be a PDF Portfolio including Construction transmittal letter and complete pring each sealed sheet.	olan set
Item 2	shall include all MicroStation and GEOPAK files.	
or furt	her information, please contact: , Phone: () - , Email: .	
Email r	notification including PDF of Construction Transmittal Letter, Grading Quantities, and Es	<u>timate</u>
	Bid Analysis and Estimating Office: TDOT.EstimatingOffice@tn.gov Construction Estimates (HQ): TDOT.Construction.Estimates@tn.gov District Operations: Choose District Environmental Coordinator (Regional): Choose Region	

Environmental Division:

TDOT.Env.AirNoise@tn.gov
TDOT.Env.Archaeology@tn.gov
TDOT.Env.Ecology@tn.gov
TDOT.Env.HazmatOffice@tn.gov
TDOT.Env.Historic@tn.gov
TDOT.Env.NEPA@tn.gov
TDOT.Env.Permits@tn.gov

Geotechnical Engineering Section: Operations Director (Regional): Printing Services Superintendent:

Program Development & Scheduling Division: Project Development Director (Regional):

Right-of-Way Director (HQ):

Note in distribution if railroad involved

Right-of-Way Office (Regional):

Roadway Design Division File Room

Strategic Transportation Investment Division Structures Division:

If plans include Structures
If plans include Retaining Walls

Traffic Operations Division:

If plans include ITS Communication If plans include signals and/or lighting

Traffic Office (Regional): Utility Office (Regional):

Choose Region
TDOT.PrintShopLettinginfo@tn.gov

TDOT.PDSO@tn.gov

TDOT.Geotech@tn.gov

Choose Region

TDOT.HQ.ROW@tn.gov

Choose Region

TDOT.DesignFileRoom@tn.gov

Choose Region

TDOT.Structures@tn.gov TDOT.StructuresRW@tn.gov

TDOT ITS@tn.gov

TDOT.SignalsLighting@tn.gov Use individual email address

Choose Region



CRASH DATA REQUEST

TO:	Jeff Murphy, <u>Jeff.Murphy@tn.gov</u> Safety Data Office, Strategic Transportation Investments Division			
FROM:	Salety Data Office, Strategic	Transportation investi	THEFITS DIVISION	
DATE:	Click here to enter a date.			
SUBJECT:	COUNTY: PIN: PROJECT NO. PROJECT DESCRIPTION:			
Investigated L Project Log Mi	og Mile: ile:	Ending Log Mile: Ending Log Mile:		
	Rank:		ERIOD OR YEARS REQUEST (3 Years or Specify)	
Request Analy	zed By: Jeff Murphy, Transpo	rtation Manager 1		te
Qualifies				
Comments:				

Attachments: Map showing location of project



DESIGN EXCEPTION REQUEST AND JUSTIFICATION

TO:	, <u>Choose an ite</u>	<u>m.</u>		
FROM:	, Choose an ite	<u>m</u> .		
DATE:	Click here to enter a	date.		
		YES YES IA FOR WHICH	NO NO I EXCEPTION IS REQUES	STED:
APPLICABLE	FOR ALL NHS ROA	ADWAYS		
Design Speed			g Structural Capacity	
APPLICABLE	FOR NHS ROADWA	AYS WITH DES	SIGN SPEED ≥ 50 MPH	
Lane Width Horizontal Cur Stopping Sigh Shoulder Widt	t Distance	Cross Slopes Vertical Cleara Superelevation Maximum Grad	n Rate	
DESCRIBE THE REASONING OF THE DESIGN EXCEPTION REQUEST:				

PROJECT DESIGN DATA:

Highway Functional Classification: (Green Book 2011 Section 1.3) Rural or Urban area: Roadway Design Standard Drawing: Existing Design Speed:	Princi	ipal Arterial Connector - -		d 🗌
Existing Posted Speed: Proposed Design Speed: Proposed Posted Speed: Type of Terrain:	Level	_ _ Rolling [] Mountainous	s 🗆
Traffic Data: ADT (20): _ ADT (20): _ DHV:	D: T: V:	_		
GEOMETRIC DESIGN DATA FOR LO	CATION OF THE	REQUESTE	D DESIGN EXC	EPTION:
	Standard	Existing	Proposed	N/A
Cross Slope (tangent section):				
Max. Superelevation Rate:				
Minimum Radius of Curve:				H
Minimum Stopping Sight Distance: Passing Sight Distance:				님
Crest Vertical Curve "K":		<u> </u>	·	H
Sag Vertical Curve "K":				H
Maximum Grade:				H
Design Loading:				Ш
2 00.g.1 2000g.				
ROADWAY TYPICAL SECTION				
Lane width:				
Outside Shoulder width:				
Inside Shoulder width: Clear Zone width:				님
Clear Zone width.	 -			
BRIDGE DESIGN FEATURES				
Traffic Lane Widths:				
Outside Shoulder Widths:				
Inside Shoulder Widths:				
Sufficiency Rating:				
Vertical Clearance				Ц
To Navigational Waterway:				Ц
To Other Highway:				Ц
To Railroad:				

OTHER FACTORS CONSIDERED FOR THE EXCEPTION REQUEST:

	YES	NO	N/A
SAFETY			
Accident history data has been reviewed.			
All roadway and roadside safety mitigation measures have been considered			
and provided.			
The proposed variance from the minimum roadway design standards does			
not adversely affect the safety of the facility.			
The Highway Safety Manual was used to justify the design exception.			
OPERATIONS			
The operation of the proposed typical cross-section is comparable with			
operation of the adjacent cross-sections.			
The proposed design does not cause a reduction in capacity or adversely			
affect traffic flow of the facility.			
The proposed design does not adversely effect long-term operations.			
ROADWAY DESIGN			
It is not feasible to meet the minimum roadway design standards due to right-			
of-way restrictions, environmental impacts, etc.			
The proposed design maintains the same level of service compared to the			
design based on minimum roadway design standards.			
The proposed design results in a significant cost savings compared to the			
design based on minimum roadway design standards.			
The proposed design can meet minimum roadway design standards in the			
future.			

JUSTIFICATION OF DESIGN EXCEPTION:

Please provide detailed justification for the each item checked NO above

	Date
Choose an item.	Click here to enter a date.
APPROVED BY:	
Reviewer Comments Attached	
	Date
Choose an item.	Click here to enter a date
DESIGN EXCEPTION IS REVIEWED AND RE	COMMENDED FOR APPROVAL BY:
Attachments	

ESTIMATE REVISION REQUEST



Project No. 1:	PIN:	Submitted By:
Project No. 2:	County:	Revision Date:
Project No. 3:	Project Description:	-

CHANGES				ADDITIONS				DELETIONS
ITEM NO.	QUANTITY	QUANTITY	QUANTITY	ITEM NO.	QUANTITY	QUANTITY	QUANTITY	ITEM NO.
TI EWITO.	PROJECT 1	PROJECT 2	PROJECT 3	TI EWINO.	PROJECT 1	PROJECT 2	PROJECT 3	TI EWINO.
	TROSLOTT	TROSLOTZ	11002010		TROSLOTT	TROOLOTZ	TROJECTO	
							<u> </u>	

NOTE: ESTIMATE REVISION REQUEST FORM MUST BE SUBMITTED DURING THE LETTING PROCESS WHEN PLANS HAVE BEEN SUBMITTED FOR CONSTRUCTION, AND A CHANGE, ADDITION, OR DELETION OF AN ITEM NUMBER IS NEEDED PRIOR TO THE PROJECT BEING LET. THIS FORM SHALL NOT BE SUBMITTED AFTER PROJECT HAS BEEN LET TO CONTRACT. REFER TO TABLE 1-2, INTERNAL DISTRIBUTION LIST FOR RECIPIENTS EMAIL ADDRESSES.



FIELD REVIEW NOTIFICATION

TO:	SFF 1	ΓΔRI F	1_2	VND.	TARI	F 1-3	FOR	INVITE	I IQT
IU.	SEE	IADLE	1-4	AIND	IADL	.E I3	FUR		டு

FROM:
DATE: Click here to enter a date.
SUBJECT: Choose Field Review Type COUNTY: PIN: PROJECT NO. PROJECT DESCRIPTION:
This will confirm arrangements made regarding a Field Review for the subject project. Persons desiring to attend this review will meet at location , address , on date at time .
Please review the enclosed plans and have comments ready before the meeting is held. For those who cannot attend the meeting, please send comments by or before Date via email to email address , mail to Name , Address , or call Phone number .
The plans have been updloaded to FileNet under the file name List the Field review plan pdf as it appears in FileNet and List the field review ZIP as it appears in FileNet (if Req'd).
For those addresses without FileNet access, prints of the plans are enclosed.
Enclosure
cc:



LETTING PLANS REVISION

Construction Division (HQ), TDOT.Construction.Estimates@tn.gov

TO:

FROM:						
DATE:	Click here to enter a date.					
SUBJECT:	COUNTY: PIN: PROJECT NO. PROJECT DESCRIPTION: LETTING DATE: Click here to enter a date.					
Project has ra	ilroad involvement					
The following	g items were revised:					
Displacem Length (de New strea ROW Acq Typical Se Other cha	(description) nent changes escription) ms being disturbed uisition Acres (including new disturbance within existing ROW, new easement) ection (description) nges that affect the project footprint nges that do not affect the project footprint of Revision:					
Sheets Revise	ed (Nos.):					
Sheets Added (Nos.):						
Sheets Eliminated (Nos.):						
Plan Revision	Date: Click here to enter a date.					
Revision Com	nleted By:					

The following items were placed on FileNet Click here to enter a date.

- 1. PDF Filename: nnnnn-nn-Construction-mm-dd-yy.pdf
- 2. ZIP Filename: nnnnn-nn-Construction-mm-dd-yy.zip

Item 1 shall be a PDF Portfolio including current Letting revision letter, previous Letting revisions letters, Construction transmittal letter, and complete plan set containing each sealed sheet.

Item 2 shall include all MicroStation and GEOPAK files.

Email notification including PDF of revision letter, sealed revised sheets, and Excel Estimate Revision Request if applicable.

CC: Bid Analysis and Estimating Office: TDOT.EstimatingOffice@tn.gov

If estimate revised

District Operations:

Environmental Coordinator (Regional):

Environmental Division:

TDOT.Env.NEPA@tn.gov TDOT.Env.Permits@tn.gov TDOT.Geotech@tn.gov Geotechnical Engineering Section: Choose Region

Operations Director (Regional):

Plans Assembly:

Printing Services Superintendent:

Program Development & Scheduling Division: Project Development Director (Regional):

Right-of-Way Director (HQ):

Note in distribution if railroad involved

Right-of-Way Office (Regional): Roadway Design Division File Room Roadway Design Division Revisions

Strategic Transportation Investment Division

Structures Division:

If plans include Structures If plans include Retaining Walls

Traffic Operations Division:

If plans include ITS Communication If plans include signals and/or lighting

Utility Office (Regional):

Choose Region TDOT.DesignFileRoom@tn.gov

TDOT.DesignRevisions@tn.gov

TDOT.PrintShopLettinginfo@tn.gov

Choose Region

Choose Region

Choose District

Choose Region

TDOT.Env.AirNoise@tn.gov TDOT.Env.Archaeology@tn.gov TDOT.Env.Ecology@tn.gov TDOT.Env.HazmatOffice@tn.gov

TDOT.Env.Historic@tn.gov

Eplans.Turnins@tn.gov

TDOT.PDSO@tn.gov

TDOT.HQ.ROW@tn.gov

TDOT.Structures@tn.gov TDOT.StructuresRW@tn.gov

TDOT ITS@tn.gov

TDOT.SignalsLighting@tn.gov

Choose Region



NEPA GREEN SHEET CERTIFICATION

TO:	HQ Environmental Division, TDOT.Env.NEPA@tn.gov			
FROM:				
DATE:	Click here to enter a date.			
SUBJECT:	County: PIN: Project NO.: Project Description:			
	ne roadway plans include all items from the attached environmental "green sheet" se noted below.			
Explanation:				
Name	Title (Project Development) Date			
Division staff	he roadway design plans for this project have been reviewed by Environmenta and that all items shown on the attached green sheet, other than any items plained above, are included in the plans.			
Name	Title (Environmental Division) Date			
Attachment				



NEPA RE-EVALUATION

TO:	HQ Environmental Division, TDOT.Env.NEPA@tn.gov
FROM:	
DATE:	Click here to enter a date.
SUBJECT:	County: PIN: Project No.: Project Description:
Project has ra	ilroad involvement.
The following	g items were revised since ROW turn in on Click here to enter a date.:
Displacem Length (de New strea ROW Acq	(description) nent changes escription) ams being disturbed uisition Acres (including new disturbance within existing ROW, new easement) ection (description) nges that affect the project footprint
A complete p	olan set of Construction Field Review Plans have been placed on FileNet or enter a date.
PDF Filename	e: nnnnn-nn-ConstructionFieldReview.pdf



RESURFACING PLANS

CERTIFICATION OF SCOPE OF WORK

ТО	:	
FR	OM:	
DA	TE:	Click here to enter a date.
SU	BJECT:	COUNTY: PIN: PROJECT NO. PROJECT DESCRIPTION: PROJECT LENGTH (MILE):
Dis	turbed Acre	eage: Less Than 1 Acre1 Acre or Greater
Ro	w or Easen	nents Required: Yes No
Th	e subject	resurfacing project is limited to the following items:
	Installation Pavement Raised par Resurfacin Safety edg	vement markings
Sa	fety Upgra	ades
	Center line End termin Existing gu Improve ro Install brea Install eart Install new Installation	ide shoulder at locations where there is no existing shoulder e rumble stripe hal (Type 38, 21, and 13) remove, upgrade, or new installation uardrail height adjustment hadway superelevation (no grading or pavement reconstruction) akaway sign support hardware h pad or upgrade existing to self-restoring / low maintenance crash cushion of skid resistant surfaces hatall, and/or repair substandard bridge rail
		elocate, or delineate road side obstacles (i.e. trees) located within the clear zone nce correction (intersection and/or stopping)

Drainage Maintenance	
 ☐ Clean/ reshape roadside ditch ☐ Install a drainage pipe safety head wall (published within the clear zone ☐ Stabilize eroded channel/bank Pedestrian Accessibility and Bicycle Accessibility 	parallel or perpendicular) if inlet or outlet located
 ☐ Install curb ramps ☐ Install curb ramps on side roads to maint Refer to TDOT Long Range Multimodal T (Contact Bicycle/Pedestrian Coordinator) ☐ Pavement marking and signing for bike remarking and signing for bike land 	ransportation Plan if the subject highway is planned to incorporate, oute
Work Zone Safety	
 □ Detour □ Significant project determination □ Temporary traffic control □ Other: 	
I certify that the scope of the subject resultisted above. Regional Resurfacing Coordinator	rfacing and safety project is limited to the items Date
Civil Engineering Manager 1	Date
In the event that additional items are addedevelopment, complete the section below	ed to the scope of work during plans and resubmit to the Environmental Office.
ADDENDUM T	O SCOPE OF WORK
The following has been added to the origin project:	nal scope of work for the subject resurfacing
Regional Resurfacing Coordinator	Date

Civil Engineering Manager 1	Date



PAVEMENT DESIGN REVIEW

TO:	Pavement Design Section, HQ Roady TDOT.PavementDesign@tn.gov	way De	esign Division		
FROM:					
DATE:	Click here to enter a date.				
SUBJECT:	County: PIN: Project No.: Project Description: Proposed Letting Date: Click here to e	enter a	<u>date</u> .		
Original Pave	ment Design Received: Click here to er	nter a	<u>date</u> .		
Please review the attached pavement design for this project and provide email confirmation that it is adequate for present conditions.					
REASON FO	R REQUEST:				
 □ Changed Alignment □ Present Pavement Design More Than Three Years Old □ Updated Traffic 					
ATTACHMEN	тѕ		DATE REQUESTED		
Original Pave Updated Traff	3		Click here to enter a date. Click here to enter a date.		
Construction Field Review Plans placed on FileNet Click here to enter a date. with the name: nnnnn-nn-ConstructionFieldReview.pdf					
Please explain any missing attachments (include date requested traffic report):					
cc: Projec	t Development Manager				



PAVEMENT DESIGN REQUEST

10:	TDOT.PavementDesign@tn.gov	esign Division
FROM:		
DATE:	Click here to enter a date.	
SUBJECT:	County: PIN: Project No.: Project Description: Proposed R.O.W. Field Review Date: Click	here to enter a date.
Please check	each box for all design items that apply to th	e project
☐ Detour Ro ☐ Intersection ☐ New Align ☐ Resurfacion ☐ Traffic to ☐ Widening	ng Roads nment	
Other Comme	ents:	
ATTACHMEN	ITS:	DATE REQUESTED:
☐ Traffic Re	ical Soil Report port with ADL'S (if available) ans (Title, Typical Sections, Proposed Layou	Click here to enter a date. Click here to enter a date. t)
	s are too large to email, place on Filenet with avementDesignRequest.pdf	the name:
Please explain	n any missing attachments:	
cc: Projec	t Development Manager	



PROPOSED RETAINING WALL DESIGN

TO: Structures Division, <u>TDOT.StructuresRW@tn.gov</u>

FROM: Project Development Manager

DATE: Click here to enter a date.

SUBJECT: COUNTY:

PIN:

PROJECT NO.

PROJECT DESCRIPTION:

During the development of the subject project, our office determined retaining walls shall be considered. I am requesting the Structures Division coordinate with the Geotechnical Section to evaluate each retaining wall to determine if the retaining wall is a feasible option for locations as shown on the plans and request that they coordinate the acquisition of soil surveys deemed necessary by the structural designer. Please notify our office immediately if a wall is deemed not to be a feasible solution.

The retaining wall information shown on the preliminary plans is conceptual in nature; therefore, any changes to the length, location, or footprint of proposed walls could affect R.O.W. in an already constrained location. Please note the following R.O.W. restrictions, known environmental constraints, or project commitments when determining your design and approved alternatives: (Designer to enter all R.O.W. restrictions, environmental constraints, and/or project commitments for each wall location here)

The <u>Retaining Wall Detail (R1A.sht, R2A.sht, etc.) Geometric Layout</u> sheet(s) and related files are on FileNet under the name: <u>nnnnnn-nn-RetainingWall.zip</u>. For all walls, additional information or changes to all <u>Retaining Wall Detail (R1A.sht, R2A.sht, etc.) Geometric Layout</u> sheet(s) pertaining to wall length, location, or footprint of the wall shall be provided to the TDOT Project Development Designer or Consultant Designer by this date <u>Click here to enter a date.</u> (Designer to enter date three weeks prior to the date scheduled to print for the R.O.W. Field Review).

For each wall <u>designed</u> by the Structures Division, the Structures Division shall also provide *Preliminary Retaining Wall Details (R1.sht, R2.sht, etc.) Geotechnical Design Notes* sheet(s) for insertion into the plans for R.O.W. field review by this date <u>Click here to enter a date.</u>. (Designer to enter date one week prior to the date scheduled to print for R.O.W. Field Review distribution). <u>Retaining Wall Details (R1B.sht, R2B.sht, etc.) Soil Profiles and Details</u> sheet(s) <u>shall not</u> be provided.

For each wall <u>not designed</u> by the Structures Division, the <u>Retaining Wall Details (R1.sht, R2.sht, etc.) Geotechnical Design Notes</u> and <u>Retaining Wall Details (R1B.sht, R2B.sht, etc.) Soil Profiles and Details</u> sheet(s) **shall not** be provided for the R.O.W. Field Review.

☐ This project will have a Design Meeting (PPRM Activity #400) on Click here to enter a date.

CC: Geotechnical Engineering Section:
Project Delivery Designer
Or Consultant Designer
Traffic Operations Division:
If plans include ITS Communication
If plans include signals and/or lighting

If DOT.Geotech@tn.gov
(Enter Email)

TDOT_ITS@tn.gov
TDOT_ITS@tn.gov
TDOT_SignalsLighting@tn.gov



NOTICE OF PUBLIC HEARING

The Tennessee Department of Transportation (TDOT) will host a public meeting on *(enter date)* to gather public input on the *(insert project information including county and description as shown in PPRM)*. The meeting will be held from <u>X:00</u> p.m. until <u>X:00</u> p.m. at the following location:

[location]

The meeting is being held to provide the public an opportunity to provide comments regarding this project. Representatives of TDOT will be available to provide information on various aspects of this proposed project. Anyone with questions regarding the meeting should contact:

YOUR NAME
YOUR ADDRESS
(XXX) YOUR PHONE
YOUR EMAIL

Persons with a disability, who require aids or services to participate at the meeting, may contact Ms. Margaret Mahler no less than ten (10) days prior to the date of the meeting:

Ms. Margaret Mahler Suite 400, James K Polk Building Nashville, TN 37243

Margaret.Z.Mahler@tn.gov

Phone: (615) 741-3461 TTY Relay (877) 831-0298

A court reporter will be available to receive oral statements to be included in the project transcript. In addition, comment sheets will be available for those who prefer to make written statements. Written statements and other exhibits to be included in the project transcript may be submitted within twenty-one (21) days after the meeting date to the following address:

Project Comments
Tennessee Department of Transportation
Suite 700, James K. Polk Building
505 Deaderick Street
Nashville, TN 37243-0332

TDOT is an Equal Opportunity Employer and does not discriminate on the basis of race, age, sex, religion, color, disability or national origin.



Submitted By:

Date: Click here to enter a date.

Public Meeting/Hearing Checklist

Please submit to the Community Relations Division when ready to proceed with setting the meeting date.

Submit this for electronically to: Chelsea.Bell@tn.gov Meeting materials submitted electronically to: Amanda.K.Tidwell@tn.gov		
Project Name/County:		
Check box for Yes and/or write response:		
TARGET Meeting Date: Click here to enter a date. Have you discussed a proposed meeting date with your regional community relations officer? Region 1- Mark Nagi Region 2- Jennifer Flynn Region 3- Kathryn Schulte Region 4- Nichole Lawrence		
Have you discussed a proposed meeting date with other pertinent staff?		
Will you need more than one court reporter? If yes, how many?		
Have you secured a meeting location?		
Is the meeting location equipped with a microphone for public input? (Please check with facility where meeting is being held.)		
Is a sound system needed?		
Who will make the presentation at the meeting?		
Who is preparing meeting materials? (All materials must be submitted to CRD two weeks prior to meeting for approval.)		
If you want the notice published in another paper besides the main paper for that county please list the paper(s):		
Time Requirements		
Public Meeting requests must be submitted with this checklist to CRD eight (8) weeks prior to meeting date. Public Hearing requests must be submitted to CRD with this checklist ten (10) weeks in advance of hearing date.		



Pre-Public Hearing and Meeting Questionnaire

	Project Information				
Proje	ct Ro	ute & Termini:		What is the public involvement level for this	
				project? (Use the TDOT Public Involvement Plan) Choose a	
5			Level	,	
Brief	Desci	ription of Work:	Have Public O	fficials been briefed? If yes, when?	
			Type of Hearin	ng/Meeting: Choose Type	
		Disp	lacements		
Resid	dentia	I: Choose yes or no Business: Choo	ose yes or no	Multi-family: Choose yes or no	
	ribe N t Term	lajor Impacts to Project Area: n:	Long Term:		
		Estimated	l Project Costs		
PE:		ROW:		Construction:	
Yes	No	Desire the project development assessed	Project Informa		
		During the project development process, If yes, describe.	nas there been ar	ny public resistance, organized or other?	
		Does the project have MPO/RPO suppor	t? If yes, briefly ex	xplain.	
		Does the project have local officials supp	ort or opposition?	Provide name and title.	
		Does the project have state officials supp			
		Does the project have federal officials/ag	ency support/oppo	osition/concerns? Provide name and title.	
		Have there been meetings held between explain.	TDOT, public office	cials, MPOs and RPOs? If yes, please	
		Are there any individuals or other groups	that may support	or oppose the project? If yes, describe.	
		Have there been previous public meeting			
		Has there been any media coverage? Ch		egative	
		Is there any other information that might	•		
Proje	ect Nu	mber: XXXXX-XX-XX	TX Number:		
		Proposed Methods of Public	Outreach (check	k all that apply)	
	Notic	e in legal section of the newspaper	☐ Social Med	dia	
		rial/press release		al Officials Meeting	
	Direc		☐ Flashing S		
므		Hangers/Notice on Door	· ·	Businesses	
	Radio		☐ Website		
	□ Translation Services Needed? □ Other				
Comp	oleted/	Submitted by:	Date: S	Select Date	
Completed/Submitted by: Date: Select Date				Select Date	
Comr	Completed/Submitted by: Date: Select Date				



ROADWAY DESIGN DIVISION

SUITE 1200, JAMES K. POLK BUILDING 505 DEADERICK STREET NASHVILLE, TENNESSEE 37243-1402 (615) 741-2221

JOHN C. SCHROER
COMMISSIONER

BILL HASLAM GOVERNOR



Choose an item. APPROVAL REQUEST

10:	Program Development & Scheduling Division, TDOT.PDSO@tn.gov
FROM:	
DATE:	Click here to enter a date.
SUBJECT:	COUNTY: PIN: PROJECT NO. PROJECT DESCRIPTION:
	ordance with the Roadway Design Guidelines, I am requesting funding approval for <u>Choose an</u> ur use, I have attached a pdf title sheet of this project.
Follow your earliest o	ving funding approval, please sign and date below and return a copy of this form to my office a convenience.
Funding Appr	roval for Choose an item.:
BY:	
DATE:	
Attachment	



Choose an item. APPROVAL REQUEST

TO:	Program Development & Scheduling Division, TDOT.PDSO@tn.gov
FROM:	
DATE:	Click here to enter a date.
SUBJECT:	COUNTY: PIN: PROJECT NO. PROJECT DESCRIPTION:
for Choose a	cordance with the Roadway Design Guidelines, I am requesting funding approval nitem. For your use, I have attached one (1) half-size title sheet of this project. The nent was approved on Click here to enter a date.
	ur earliest convenience following funding approval, please sign and date below and of this form to my office.
Fundi	ng has been approval for <u>Choose an item.</u> :
BY:	
DATE:	
Attachment	



RIGHT-OF-WAY PLANS REVISION

TO:	Right-of-Way Division Director, (TDOT.HQ.ROW@tn.gov)
FROM:	
DATE:	Click here to enter a date.
SUBJECT:	COUNTY: PIN: PROJECT NO. PROJECT DESCRIPTION:
Project has ra	ailroad involvement
The followin	g items were revised:
☐ Displace ☐ Length (c ☐ New stre ☐ ROW Ac ☐ Typical S ☐ Other ch	Int (description) Iment changes Idescription) Idescription) Idescription Identification
Sheets Revis	ed (Nos.):
Sheets Adde	d (Nos.):
Sheets Elimin	nated (Nos.):
Plan Revision	Date: Click here to enter a date.

Revision Completed By:

The following items were placed on FileNet Click here to enter a date.

1. PDF Filename: nnnnn-nn-ROW-Rev-mm-dd-yy.pdf

2. ZIP Filename: nnnnn-nn-ROW-Rev-mm-dd-yy.zip

Item 1 shall include a PDF plan set with current R.O.W. revision letter, previous R.O.W. revision letters, R.O.W. Transmittal letter, Funding Approval Letter, and complete set of plans with the Title Sheet only sealed.

Item 2 shall include all MicroStation and GEOPAK files.

Email notification including PDF of revision letter and revised sheets

CC: Environmental Coordinator (Regional): Choose Region

Environmental Division: TDOT.Env.AirNoise@tn.gov

TDOT.Env.Archaeology@tn.gov TDOT.Env.Ecology@tn.gov

TDOT.Env.HazmatOffice@tn.gov

TDOT.Env.Historic@tn.gov

TDOT.Env.NEPA@tn.gov TDOT.Env.Permits@tn.gov

TDOT.Geotech@tn.gov Geotechnical Engineering Section:

Project Development Director (Regional): Choose Region Right-of-Way Office (Regional): Choose Region

Roadway Design Division Revisions TDOT.DesignRevisions@tn.gov

Strategic Transportation Investment Division Choose Region Structures Division:

If plans include Structures TDOT.Structures@tn.gov If plans include Retaining Walls TDOT.StructuresRW@tn.gov

Traffic Operations Division:

If plans include ITS Communication TDOT ITS@tn.gov

TDOT.SignalsLighting@tn.gov If plans include signals and/or lighting

Utility Office (Regional): Choose Region



RIGHT-OF-WAY PLANS SUBMITTAL

TO:	Right-of-Way Division Director, (TDOT.	HQ.ROW@tn.gov)
FROM	:	
DATE:	Click here to enter a date.	
SUBJE	ECT: COUNTY: PIN: PROJECT NO. PROJECT DESCRIPTION:	
	bject project is being submitted for (<u>Choose an</u>	
	PDF Filename: nnnnnn-nn-ROW.pdf ZIP Filename: nnnnnn-nn-ROW.zip	
	1 shall include a PDF plan set with R.O.V lete set of plans with the Title Sheet only sea	W. Transmittal letter, Funding Approval Letter, lled.
Item 2	shall include all MicroStation and GEOPAK	files.
Prelimi	inary Estimate Emailed: Click here to enter a da	<u>ite.</u>
Project	t has railroad involvement	
For fur	ther information, please contact , Phone: (() - , Email: .
Email	notification including PDF of revision letter a	and ravised shoots
CC:	Environmental Coordinator (Regional): Environmental Division:	Choose Region TDOT.Env.AirNoise@tn.gov TDOT.Env.Archaeology@tn.gov TDOT.Env.Ecology@tn.gov TDOT.Env.HazmatOffice@tn.gov TDOT.Env.Historic@tn.gov TDOT.Env.NEPA@tn.gov TDOT.Env.NEPA@tn.gov
	Geotechnical Engineering Section: Program Development & Scheduling Office: Project Development Director (Regional): Right-of-Way Office (Regional): Strategic Transportation Investment Division Structures Division: If plans include Structures If plans include Retaining Walls Traffic Office (Regional):	TDOT.Geotech@tn.gov TDOT.PDSO@tn.gov Choose Region Choose Region Choose Region TDOT.Structures@tn.gov TDOT.StructuresRW@tn.gov Use individual email address
	Traffic Office (Regional): Traffic Operations Division:	Ose muividual email address

If plans include ITS Communication

TDOT ITS@tn.gov

and

If plans include signals and/or lighting Utility Office (Regional):

TDOT.SignalsLighting@tn.gov Choose Region

Purpose of the Site Review

- Ensure that all TDOT divisions attend Site Review and have input in project plans before it goes to ROW.
- Identify possible constructability problems early on.
- Have all possible questions filled out by project delivery/design manager prior to the site review and dispersed to those who will attend. Then, additional responses, changes or questions can be addressed.
- After the site review, send out completed document to all of those who are present.
- Completed document will become part of the project folder that is turned in with project.
- Completed Document will be posted on the construction website for letting submittal. This should help eliminate some of the questions that are asked by contractors during the limited weeks between turn in and letting.

Check List for SITE Review Activity # 534

County:	<u>PIN: Da</u>	te:
Project Number		
Description:		
Projected ROW Field Review Da	e: ROW Submi	ittal Date:

The following Activities must be completed PRIOR to this Review:

Activities Completion Date: # 260 - NEPA Hearing # 300 Obtain FHWA Approval of Final Environmental Document for EIS, EA, and FONSI. # 385 Obtain FHWA Approval of Final Environmental **Document For Categorical Exclusion** #370 Provide Boundaries for Avoidance #400 Hold Design Hearing (If Applicable) #465 Complete and Submit Soils and Geology Report for Roadway #470 Prepare Preliminary Signal and/or Lighting Design (If Applicable) #445 Prepare Retaining Wall Detail Sheets (If Applicable) #520 Complete Foundation Report for Structures #525 Design Preliminary Structures

Attendees:

Note: If you are attending as a representative for the division but will not be the primary contact, please add the primary contact's name below yours and initial as PC.

Project Delivery And/Or HQ Consultant Management (Design)

Name	Email	Signature

Project Delivery (ROW and Utilities)

Name	Email	Signature

Project Delivery and HQ (Environmental, Historical, NEPA, Permitting)

Name	Email	Signature

Region Operations

Name	Email	Signature

<u>Geotech</u>

Name	Email	Signature

Structures

Name	Email	Signature
Consultant Designers (If A	pplicable)	
Name	Email	Signature
Headquarters Construction	n (As Needed)	
Name	Email	Signature

Signals, Lighting and ITS and/or Regional Traffic (If Applicable)

Name	Email	Signature				
Value Engineering Team (If	Requested)					
Name	Email	Signature				
Other Divisions or Representatives (Land Usage for Staging/Construction)						
Name	Email	Signature				

GENERAL

- 1. Are there any features missing from survey? (new developments, driveways, signs, utilities. Look for Markers indicating the existence of underground utilities, such as gas lines and fiber optic lines, and ensure utility valves and manhole covers are shown).
- 2. Is TDOT aware of any future developments in this area that was not noted during the planning phase? If so, are sufficient turn lanes needed to accommodate future growth?
- 3. Are there any obligations to or agreements with the city or county on project completion time?
- 4. Are there any obligations to or agreements with the industry for completion time?
- 5. Any schools nearby to be considered that might affect the phasing of the project?
- 6. Any existing drainage issues at RR that may need to be addressed?
- 7. Any obvious eroded areas?
- 8. Any vegetation that could be causing sight distance problems that should be noted for removal in the plans?
- 9. Any Annual Festivals or activities that need to be addressed nearby that might affect the project that needs to be addressed in SP108B?
- 10. If there is a railroad on the project, has coordination started?

GEOTECH

Several Geotechnical concerns have been addressed within other areas.

- 1. Do rock cuts have adequate rock catchment ditch per RD-01-S-11B?
- 2. Are any proposed soil slopes steeper than 2:1?

UTILITIES/ROW

- 1. Are utilities prior move or move in contract? Are utility relocations Chapter 86 eligible?
- 2. Any obvious utility issues or conflicts?
- 3. Will the existing utilities have any effects on traffic phasing?
- 4. Are there encroachments onto properties that could be eliminated if the slopes were pulled in?
- 5. Are there signs of septic systems if not on sewer system? Are the septic lines covered by slope lines?
- 6. Will any driveway entrances need to be relocated or closed? Are there any that are not going to be moved that could be moved to help with sight distance problems?
- 7. Do the plans address all existing property entrances? (Any left off survey?)
- 8. On business drives, how will the proposed drive affect the property, particularly if curb and gutter are being added by the project? Should options be looked at to move it from its original location?
- 9. Are power poles attachments labeled correctly? Is it Power, TV Cable, Fiber Optic, or possibly multiple FOC lines attached to the pole?
- 10. If there is a TVA tower, have you done everything possible to avoid moving it?

- 11. If the project borders another county, it is possible we may have 2 utilities serving the same project area. Check with Utilities.
- 12. Are there any existing utilities attached to the structures?
- 13. Can major Gas Transmission Lines be avoided? (due to extreme relocation cost)
- 14. Can major Telecommunication Cabinets and underground Vaults be avoided? (due to extreme relocation cost)
- 15. Did the designer receive a list of utilities serving the project area from utility headquarters? (This list is created as a result of "Notify Letters"
- 16. Designer should contact Region utility to correct utility owners list prior to mailing or emailing the utility companies.
- 17. If utility poles are to be relocated to areas of new fill or cuts, can the stage construction of the project include grading these areas early so that utilities can be moved? (e.g., utility poles would have to be extra-long to account for fill placed after the pole is placed so wires have enough vertical clearance.)
- 18. If utilities are being relocated by prior move, is there clearing and grubbing needed to be done prior to the contract letting?
- 19. Are there gas lines which will have to be relocated which have seasonal constraints as to when the gas lines can be relocated, which could impact construction staging?
- 20. For control of access projects, are there any existing control of access fences that need to be replaced where no ROW is to be acquired?
- 21. Are there any improvements in temporary construction easements that can be left in place during construction? (i.e. private light poles, signs, etc.) If so, a note will need to be added to the plans telling the contractor not to disturb.
- 22. Will utility relocations occur in areas which may require environmental permits? (e.g. streams, wetlands, etc.?)

- 23. Are there any existing private structures (other than mailboxes) that are currently encroaching or located on existing ROW? (E.g. signs, displays, fences, entrance features, etc.)
- 24. Are there any security fences that will need to be temporarily reset prior to a permanent fence? Is the proposed area within a free trade zone?

ENVIRONMENTAL CONCERNS

NEPA

- 1. Are there Environmental Commitments? Have these commitments been added to PPRM and activated by the POA?
- 2. Are streams or wetlands impacted by this project? If yes, is mitigation required?
- 3. Are retaining walls proposed to reduce or eliminate impacts to streams or wetlands?
- 4. Are protected species present on this project? What constraints are involved if so?
- 5. Is a species survey or sweep required prior to start of construction?
- 6. If tree clearing is required for the proposed improvements, are there seasonal tree clearing restrictions? Has the bat survey been coordinated? If so, when does the USFWS clearance letter expire?
- 7. Are there historic properties identified on this project?
- 8. Are any retaining walls needed because of historic properties?
- 9. Have any archaeological artifacts been found in the area or on a nearby project? If there are artifacts, does the proposed design ensure that the proposed alignment and all construction activities do not impact the archaeological areas?
- 10. Do the plans identify the historic property boundary?

- 11. Are right-of-way and/or easements prohibited from the historic property?
- 12. Are there restrictions to using the historic property as a construction staging site?
- 13. Will blasting take place near the historic property? If so, the contractor will take the historic property into consideration and will take all necessary measures to avoid impacts to the historic property.
- 14. Are there specific design features being used as mitigation for the historic property (ie. aesthetic treatments, landscaping, etc.)?
- 15. Are asbestos or other hazardous materials present on site?
- 16. Are there any remaining hazardous material sites that require additional investigation or remedial action?
- 17. Are there any structures that will be removed or replaced?
- 18. Are there any structures (building or bridge) requiring asbestos containing materials investigation or abatement?
- 19. Who is the historian to contact regarding this project?
- 20. Is there any ROW to be acquired that would require a 4(f) or 6(f) property (e.g., public parks and recreational lands for this project?
- 21. Is there any APR (Acid Producing Rock) expected on the project site? If so, has a plan for handling and removal been developed, such as, placing it in proposed embankment or taking it to a waste area (land fill or encapsulation cell)?
- 22. Are there any stream relocations required? If so, is there sufficient proposed ROW?
- 23. Is the construction of noise walls required?
- 24. Is the project over 50 acres? If so, the contractor will have to limit his disturbance to 50 acres or less regarding his grading quantities and phasing coordination which could affect traffic phasing.

25. Are there any underground storage tanks within the proposed right of way?

PERMITS

- 1. Will blasting in or near a watercourse be required? If yes, review Soils and Geological report for approximate rock line information.
- 2. Is there a natural channel stream design included in the project? Who is responsible for design, construction, and oversight if so?
- 3. Is water quality monitoring required pre-construction, during, or post-construction?
- 4. Is there enough ROW for outfall protection, sediment basin (or equivalent measures), sediment filter bags, or any other specialized EPSC measures?
- 5. Is outlet protection needed at any structure or outfall location?
- 6. Are any sinkholes present? If yes, refer to Soils and Geology report for Karst Activity on site.
- 7. Have all culverts that are over 250' been identified for permitting requirements?
- 8. Do any proposed culverts or culvert extensions alter the alignment of the streams at the inlet or outlet? Will any of the streams have to be relocated?
- 9. Are there any issues/concerns that have been brought up by permitting agencies during pre-coordination? If so, have they been addressed? Who is the contact person for these issues?
- 10. Will there be any fill associated with the project that would affect any power storage loss for a Corps of Engineers or TVA reservoir?

STRUCTURES

Several Structural constructability concerns have been addressed within other areas.

- 1. Does the USACE need to be contacted to discuss high water/ low water elevations prior to construction of the bridge?
- 2. Where existing bridge is being widened or replaced, are plans and/or as-builts available?
- 3. Does the existing bridge have substandard horizontal or vertical clearance?
- 4. Will the removal of any structure, including superstructure and substructure, require either blasting or the potential to drop construction debris into Waters of the State?

TRAFFIC CONTROL AND CONSTRUCTION PHASING

Option 1: Closed Road with Detour

- 1. Has the Work Zone Significance Determination sheet been completed?
- 2. Will the Traffic Management plan require additional strategies such as shown in Smart Work Zone Implementation Plan?
- 3. Is there sufficient capacity on detoured route?
- 4. Are there any special events (ball games, concerts, etc.) or project commitments that would be affected with the detour that might require special signing or other traffic control considerations?
- 5. How will a road closure or detoured route affect the proposed traffic report?
- 6. Would the detoured route require signalization?
- 7. Are there overhead structures along the detour route that have deficient vertical or horizontal clearances?

Option 2: Maintain Existing Traffic while Building New Alignment or Widening General

- 1. Has the Work Zone Significance Determination sheet been completed?
- 2. Are there any special events (ball games, concerts, etc.) or project commitments that would be affected with the detour that might require special signing or other traffic control considerations?
- 3. Does the existing horizontal alignment and proposed horizontal alignment cross at any location? If yes, how will this be handled during construction? Is it within one or two foot on elevation difference?
- 4. Do grading quantities justify which side of the road should be built first to ensure that there is no "borrow" and existing cut can be used? If cut material is

- supposed to be used for fill material, ensure that it is not under existing traffic and cannot be excavated in initial phase.
- 5. Is there a haul road needed? Is additional construction easement needed?
- 6. Are there any locations on or near the project site to stage construct? Does additional construction easement need to be acquired for this area?
- 7. Will the existing shoulders be used for a traffic lane? If yes, ensure sufficient pavement depth is added for traffic.
- 8. Do any temporary detours conflict with existing or proposed utilities?
- 9. How will traffic to businesses be maintained?
- 10. Any possible queues to a railroad crossing or blocking of intersections or emergency vehicle exits possible with traffic control measures?

Structures

- 1. If the bridge is to be closed during construction, is it possible to move the horizontal alignment sufficient distance and leave the existing structure open without major right of way cost or impact to homes, etc.?
- 2. Are the vertical grade differences too much to maintain existing traffic? Will sheet piling be necessary at bridge approaches where the bridge grade is being raised significantly?
- 3. Is there sufficient horizontal clearance between the existing and proposed centerlines to keep the existing bridge open while building the new bridge?
- 4. Is there sufficient vertical clearance between proposed structures to maintain existing traffic?
- 5. If one lane bridge is used are there sight distance issues on the approaches that would require additional signage for upcoming signal?
- 6. Is there a traffic control parameter that would override the phasing of the bridge?

- 7. Is it feasible to partially remove the existing bridge substructures?
- 8. Is there a need to accommodate farm traffic while phasing?
- 9. Will any of the existing water ways need to be closed between piers, if yes is it in a USACE water way which will require a permit and signing at boat ramps?
- 10. Is the crossing over a commercially navigable waterway which would require coordination and permitting with the U.S. Coast Guard?
- 11. Are there any locations where proposed pipes or box culverts cross the existing pipes or culverts? If so can they be phase constructed to maintain proper drainage and still maintain traffic?

ITS/SIGNALS/LIGHTING

- 1. How many existing signals, flashing beacons, and/or school flashers are in the project? Where are they located?
- 2. Is there existing lighting in the project limits that will need to be upgraded or replaced?
- 3. Have there been any commitments to the city regarding the use of mast arms?
- 4. Will existing ITS facilities be impacted by the project?
- 5. If lighting is proposed, is the correct type of luminaries chosen to go with local lighting system, i.e. high pressure sodium, mercury vapor, LED, Etc.
- 6. Is there sufficient ROW for proposed signal & lighting equipment in all four corners of the intersection, if needed?
- 7. Is there sufficient proposed ROW for proposed curb ramps at the intersection? If there is proposed ROW, is construction easement needed to build the ramps?
- 8. What is the type of existing signals? Span wire or mast arm.

- 9. Are there existing pedestrian and/or signal features that will need to be upgraded at the intersection if existing signals are not being directly affected by new construction?
- 10. Does the project limits extend through the intersection? (The survey limits should cover approximately 500' to 600' beyond the center of the intersection on all approaches)?
- 11. Are there any signals upstream or downstream from the proposed limits that will possibly need to be interconnected? If so, are the existing traffic controllers compatible with being interconnected?
- 12. Are any temporary signals needed? If so, are there possibly utility conflicts with the temporary signal pole locations that could conflict during construction and/or ones that need coordinating with other utilities on the project?
- 13. Does the survey show all components pertaining to the existing signals? Such as cabinet, poles, signal heads and etc.?
- 14. Are there any schools, fire/EMS stations or railroad crossings near the proposed intersections?
- 15. Is there any type of pre-emption presently shown at the intersections?
- 16. Are there any overhead utilities that may affect the installation of the proposed signal?
- 17. What type of detection is presently being used? Does the county or municipality have a particular standard or preference for detection devices? (e.g. radar, video, loop, etc.?)

RETAINING WALLS

Retaining Wall Number	Road Name/Sta. Range:
Note: One Call shall be notifie	d by Utilities to Locate Utilities prior to Site Visit.

1. Circle all of the following that may apply:

- a. The footprint of the wall is within 10' of ROW
- b. Existing and/or Proposed Utilities (Signal Poles, TVA towers) are near the footprint of the Wall
- c. Existing and /or Proposed Drainage Structures are near the footprint of the Wall
- d. Foundation Improvement for the Wall could affect traffic phasing
- e. This is a Top Down Constructed Wall (Soldier Pile\Lagging, Soil Nail)
- f. This wall is needed to mitigate pyritic material
- g. This wall will be greater than 10 feet in height
- h. There are 2 or more traffic phases (affect when the wall is built)
- i. ITS Infrastructure is within 10 feet of the footprint of the Wall
- j. There is a RR adjacent to the wall (RR usually does not want MSE wall)
- k. The wall is within the clear zone
- I. The proposed slope in front of the wall is not flat
- m. There are environmental limitations (wet lands near or needs stream relocation, etc.)
- n. Does the proposed retaining wall affect the access or a driveway into an adjacent property?

When 3 or more are circled, the wall will be considered to be susceptible to constructability issues. Structures will work with Design and Construction to determine if the wall is to be designed by the Retaining Wall Unit in Structures or by Structures Consultant. Once decided, immediate action will be taken to design the wall and submit with ROW plans.

General Questions:

- 2. Is retaining wall constructed on the project critical path schedule or needed to start the project?
- 3. If undercutting of existing ground is required for retaining wall(s), can this be done as part of phase construction?

- 4. Can retaining walls be constructed to help reduce damages to a property or to potentially save a relocation?
- 5. What Wall types are allowable?
- 6. Are there any types of walls that are restricted and why?
- 7. Are there commitments pertaining to the finish of the wall? Had the commitment been entered into to PPRM and activated by the POA?
- 8. Are there commitments to the performance of the wall?
- 9. Will undercutting be required? If so, how deep?
- 10. Will the wall cause a sight distance problem at any intersection?
- 11. Has drainage been designed for both sides of the wall and will it coincide with the proposed wall type? (catch basins, ditches, etc.) How is the Drainage handled on slope approaching wall
- 12. Is there sufficient room for signs, signals and/or lighting at the wall? (pole foundation is 15')
- 13. Are sinkholes or other geological features an issue for proposed wall type?
- 14. Are noise walls attached to retaining walls?
- 15. What is the typical section adjacent to wall? Is there a multi-use path?
- 16. Are railings or fences required above the retaining wall? If so, additional overturning action must be considered by Structures Division.
- 17. If pile foundations are required, are there any constraints to the pile driving (e.g., overhead clearance, noise, sensitive buildings nearby such as hospitals)? Should drilled shafts be specified?

18. If acid producing rock is on site, is there an opportunity to reduce the volume if a top down retaining wall is proposed? Will a retaining wall be required to face acid producing rock cut?

Cast In Place Wall

- 19. If a CIP wall is proposed, is there sufficient ROW or construction easement for undercutting for foundation improvement?
- 20. For cast in place walls, can the back cut on 1:1 slope from bottom of footing or bottom of undercut to existing ground surface?
- 21. If cast in place walls are considered, can piling be driven in a phase construction type of project?

MSE Wall

- 22. If MSE wall is proposed, can manufactures provide cantilever wall cap for barrier attachment, a detail will be need and approved for crash testing?
- 23. If MSE walls are considered, can they be constructed as part of the traffic control phasing of the project? That is, can straps and reinforcement hold the panels/blocks be completely installed in a traffic phased project?
- 24. If MSE walls (block or panel) are considered, one needs to consider strap, geogrid reinforcement requirements behind the wall would require ROW. How do utilities get worked into the grid reinforcement of the MSE back fill?
- 25. If MSE wall (block or panel) is considered, cost of Moment slab at the top of the wall shall be included in wall cost.

General Comments:

- 26. Compare cost of retraining wall (various types) to fill spilling onto adjacent ground. Consider steeper slopes, max 2:1, with guardrail at shoulder compared to retraining wall cost. When comparing cost, include cost of back cut and back fill along with wall.
- 27. If rock is near the proposed cut area, consider natural rock cut for the wall.



SOILS AND GEOLOGY REPORT REQUEST

Geotechnical Engineering Section, TDOT.Geotech@tn.gov

FROM:	
ATE:	Click here to enter a date.

SUBJECT: COUNTY:

TO:

PIN:

PROJECT NO.

PROJECT DESCRIPTION:

We request soils survey data, C.B.R., and water sample results, if needed by: <u>Click here to enter a date.</u>

Plan set has been placed on FileNet on Click here to enter a date.

PDF Filename: nnnnn-nn-InitialStudies.pdf ZIP Filename: nnnnn-nn-InitialStudies.zip

<u>PDF Plans shall include at a minimum the following sheets:</u> Title, Typical Section, R.O.W. Acquisition, Present (with preliminary slope lines), R.O.W. Details, Proposed, Profile, and Cross Sections

Remarks:

☐ This project will have a Design Meeting (PPRM Activity #400) on Click here to enter	a date
If Desire Marking is held Desired Deliver Management II actify Contacted at Engineering	0 ('-

If Design Meeting is held, Project Delivery Manager will notify Geotechnical Engineering Section immediately by email if there is a proposed alignment change due to comments at Design Meeting.



TRAFFIC REPORT REQUEST

10.	rony Armstrong, <u>rony.Armstrong@tn.gov</u>				
	Special Projects Office, Strategic Transportation Investments Division				

FROM:

DATE: Click here to enter a date.

SUBJECT: COUNTY:

PIN:

PROJECT NO.

PROJECT DESCRIPTION: PROJECTED LETTING DATE:

TRAFFIC ASSIGNMENT:

BASE YEAR DESIGN YEAR			DESIGN ROADWAY % TRUCKS		DESIGN AVERAGE DAILY LOADS					
AADT	YEAR	AADT	DHV	%	YEAR	DIR. DIS.	DHV	AADT	FLEX	RIGID

Reviewed By:		
	Tony Armstrong	 Date
Approved By:		
Comments:		Date

DHV'S ARE NOT REQUIRED FOR SIDE ROADS LESS THAN 1000 AADT

NOTE: FOR BRIDGE REPLACEMENT PROJECTS, ADLs ARE NOT REQUIRED FOR ADTs OF 1000 OR LESS AND PERCENTAGE OF TRUCKS OF 7% OR LESS.
SEE ATTACHMENTS FOR TURNING MOVEMENTS AND/OR OTHER DETAILS.



Utility CADD Plan Files Disclaimer and Limitation of Liability Agreement

The Tennessee Department of Transportation (TDOT) is committed to providing electronic access to files. TDOT does not possess a staff that is available to provide technical support to outside parties who receive CADD files. It is important, therefore, that all potential users of these files read the following disclaimer and accept its terms as prerequisite to the use of the files.

- 1. TDOT makes no warranty of any kind, express or implied, with respect to the file(s) subject to this agreement, and specifically makes no warranty that said file(s) shall be fit for any particular purpose. Furthermore, any description of said file(s) shall not be deemed to create an express warranty that such file(s) shall conform to said description.
- 2. Receiver assumes all risk and liability for any losses, damages, claims or expenses resulting from the use or possession of any file(s) furnished by TDOT pursuant to this agreement.
- 3. Receiver agrees to indemnify, defend and hold harmless to the extent permitted by law TDOT, its officers, agents, and employees from and against any and all claims, suits, losses, damages and costs, including reasonable attorney's fees, arising from or by reason of receiver's use or possession with respect to any of the file(s) furnished by TDOT pursuant to this agreement, and such indemnification shall survive acceptance of said file(s) by receiver.
- 4. All design files are MicroStation™ drawing files (*.dgn). Receiver agrees that TDOT cannot provide the files in other file formats, and agrees to accept the file(s) in the format provided. Receiver agrees that TDOT cannot be held responsible for problems arising from files which have been converted for use in non-native applications (e.g. MicroStation design files to Autocad).
- 5. Since revisions or additions to the design file(s) may occur at any time, the receiver agrees to indemnify, defend and hold harmless to the extent permitted by law TDOT, its officers, agents, and employees from and against any and all claims, suits, losses, damages or costs, including reasonable attorney's fees, arising from the use of outdated design files, and such indemnification shall survive acceptance of said file(s) by receiver.
- 6. The design files are copyrighted by the Tennessee Department of Transportation and may not be resold.
- 7. Receiver agrees to provide TDOT with electronic files for utility relocation plans concerning the subject project.
- 8. These terms and conditions constitute the complete and final agreement of the parties hereto.

The undersigned is authorized by		
to execute this agreement on its behalf.	(Firm/Agency)	
I accept the aforementioned terms and	d conditions.	
Project:		
File(s):		
Signature (Receiver)	Firm /Agency	 Date