



South Carolina
Department of Transportation

INSTRUCTIONAL BULLETIN NO. 2006-6

SUBJECT: Preliminary Right of Way Plans Field Review

EFFECTIVE DATE: July 28, 2006

SUPERSEDES: Instruction Bulletin No. 2005-6, "Design Field Review Title Sheet"

RE: Project Development Process (Rev. 7-18-06)

When right of way plans are approximately 85% complete, another field review is recommended according to the Project Development Process. The plans at this stage of development will include hydrology, erosion control, final alignment information, right of way lines, and control of access. Cross section sheets will be complete with superelevation and special ditches. Side road plan sheets should be completed to the extent of the mainline plans. The Right of Way Data Sheet may not be completed.

The purpose of this review is to examine the Preliminary Right of Way Plans with emphasis on roadway drainage and on the impact of the project to the adjacent properties. Also, this review will identify how new and existing right of way and roadway designs will impact construction.

The Road Design Group will be responsible for setting up and leading the Preliminary Right of Way Plans Field Review. The Design Group will invite representatives from all offices that are included in the Project Development Team described in the Project Development Process.

A Preliminary Right of Way Plans Field Review Title Sheet (copy attached) has been prepared and is named: PrwPFRts1.dgn. This title sheet should be used for all Preliminary Right of Way Plans field reviews.

When the plans are ready for this field review, the Design Group will take the plans to Engineering Reproduction Services (ERS) to be scanned so that the plans will be available through Project Viewer prior to the field review. The Road Design Group will notify the review team that the field review plans are available prior to the field review. After the field review, the marked-up plans will be taken by the Design Group to ERS to be scanned making them available through Project Viewer.

Approved: 
E. S. Eagle
Road Design Engineer

ESE:afg
Attachment
cc:

Mark C. Lester, Prog. Dev. Engineer West	Mitchell Metts, Bridge Design Engineer
Charles Smoak, Hydraulic Engineer	Al Barwick, CRM Manager
Matt Lifsey, Prog. Dev. Engineer East	Traffic Engineering





South Carolina Department of Transportation

PRELIMINARY RIGHT-OF-WAY FIELD REVIEW PLANS

TRAFFIC CONTROL: Y / N

CLEARING AND GRUBBING:

WITHIN ROADWAY _____ (NO EXPLANATION NECESSARY)
WITHIN RIGHT OF WAY _____ (IF NO REASON IS GIVEN, THEN
C&G MAY BE CHANGED TO "WITHIN ROADWAY")
REASON: _____

PAVEMENT DESIGN:

(FOR CONFIRMATION ONLY)
SURFACING: _____ MATERIAL _____ TYPE _____ RATE _____
BINDER: _____ MATERIAL _____ TYPE _____ RATE _____
BASE: _____ MATERIAL _____ TYPE _____ RATE/THICKNESS _____
MAINTENANCE STONE _____ TONS _____
CLEARING & GRUBBING DITCHES _____ ACRES (MIN. 0.5 ACRES)
SHRINKAGE FACTOR _____ % BORROW EXCAVATION: Y / N _____
MUCKING: STA. _____ TO STA. _____; WIDTH _____; DEPTH _____; C.Y. _____
MILLING: _____" DEPTH STA. _____ TO STA. _____; C.Y. _____
FULL DEPTH ASPH. PAV. PATCHING _____" UNIF. _____ S. Y. _____
DITCH PAVING @ 300 LBS./S. Y. _____ TONS _____

DRAINAGE INCLUSION ITEMS:

ADDITIONAL _____" PIPE CULVERT _____ L. F. _____
ADDITIONAL _____" PIPE CULVERT _____ L. F. _____
ADDITIONAL _____" PIPE CULVERT _____ L. F. _____
THE FOLLOWING DRAINAGE PIPE MATERIALS WILL BE BID AS ALTERNATES IN ALL
APPLICATIONS WHERE PRACTICAL UNLESS SPECIFIC DIRECTIONS ARE PROVIDED:
REINFORCED CONCRETE _____
CORR. ALUM. ALLOY _____
H.D. POLYETHYLENE _____
ADDITIONAL DRAINAGE STRUCTURES:
TYPE 9/MH _____ MANHOLE _____ 24" x 24" D.I. _____ 24" x 36" D.I. _____
TYPE 14 _____ TYPE 16 _____ TYPE 17 _____ TYPE 18 _____
TRENCH DRAIN _____ L. F. _____
_____ " PERF. PIPE UNDERDRAIN _____ L. F. _____
_____ " PERF. PIPE UNDERDRAIN _____ L. F. _____
AGGREGATE UNDERDRAIN FOR SHOULDERS Y / N _____
SEDIMENT TUBES _____ L. F. _____
R. C. SLAB FOR CROSSLINE UNDER EXIST. PAV'T Y / N _____ S. Y. _____
WILL THE ROAD, ON WHICH THE PIPE TRENCH IS LOCATED, BE
RESURFACED IN THE AREA OF THE TRENCH DURING THIS
CONSTRUCTION ? Y / N _____

EROSION CONTROL INCLUSION ITEMS:

RIPRAP (CLASS "...") _____ TONS _____
GEOTEXTILE FABRIC (PROTECTED / UNPROTECTED) _____ S. Y. _____
TEMP. EROSION CONTROL BLANKET _____ M. S. Y. _____
SILT BASINS _____ C.Y. SILT FENCE _____ L. F. _____

THE PURPOSE OF THIS REVIEW IS TO EXAMINE THE PRELIMINARY RIGHT-OF-WAY PLANS WITH EMPHASIS ON THE ROADWAY DRAINAGE AND THE IMPACT OF THE PROJECT TO THE ADJACENT PROPERTIES. ALSO THIS REVIEW WILL IDENTIFY HOW NEW AND EXISTING RIGHT-OF-WAY AND ROADWAY DESIGNS WILL IMPACT CONSTRUCTION.

FOR
CONFIRMATION

SEEDING:

SEEDING: MULCHED / UNMULCHED _____
TEMPORARY SEEDING (% OF PERMANENT SEEDING) _____ %
SODDING: Y / N _____ SY
PERMANENT VEGETATION _____
TEMPORARY VEGETATION _____ %

INCLUSION ITEMS:

FLOWABLE FILL _____ C. Y. _____
REM. & DISPOSAL OF EXISTING PAV'T (CONC. DR., WALKS) _____ S. Y. _____
CONCRETE DRIVEWAYS (6" UNIFORM) _____ S. Y. _____
CONCRETE DRIVEWAYS (8" UNIFORM) _____ S. Y. _____
CONCRETE FOR STRUCTURES-CLASS _____ C. Y. _____
REINFORCING STEEL _____ LBS. _____
RESET FENCE _____ L. F. _____
RESET CHAIN-LINK FENCE _____ L. F. _____
PAVEMENT MARKINGS: PAINT _____ OR THERMO _____
RAISED MARKERS Y / N _____

CONSTRUCTION STAKES, LINES AND GRADES BY DISTRICT _____ BY CONTRACTOR _____
(CIRCLE ONE)
QUALITY CONTROL BY CONTRACTOR _____
FOR EARTHWORK Y / N _____
FOR BASES AND SUBBASES Y / N _____

STABILIZED CONSTRUCTION ENTRANCE _____ NO. OF ACCESS POINTS _____

BRIDGE REPLACEMENT:

SKETCH ON THE PLANS THE LOCATION OF THE BRIDGE CONSTRUCTION
ACCESS LINES (GIVE DIMENSIONS WHERE NEEDED) Y / N _____
ADDITIONAL GEOTECHNICAL WORK REQUIRED: Y / N _____
PAVING UNDER GUARDRAIL BY SY _____ BY TON _____
ROAD TO BE CLOSED OR STAGED (CIRCLE ONE) _____

NOTES AND/OR COMMENTS:

REQUESTED TO ATTEND	ORG.	PHONE	VERIFICATION OF ATTENDANCE (INITIALS)

TRAFFIC DATA

_____ ADT _____ WITHIN CITY / TOWN LIMITS ? YES / NO _____
_____ ADT _____ RAILROAD INVOLVEMENT ? YES / NO _____
TRUCKS _____ %
PRELIMINARY RIGHT-OF-WAY PLANS FIELD REVIEW READY: ___/___/___
DESIGN GROUP _____ DESIGN GROUP COORDINATOR _____
CHARGE CODE _____
PIN NUMBER _____
DIRECTORY NUMBER SMPSAN3/RDGRP / _____
SURVEY LENGTH _____ MI.
PRELIMINARY RIGHT-OF-WAY FIELD REVIEW PERFORMED ___/___/___

* PRELIMINARY MEANS THAT ALL DESIGN INFORMATION, INCLUDING HYDROLOGY, IS ON THE PLAN SHEETS; HOWEVER, RIGHT-OF-WAY OBTAINS AND REMAINS MAY NOT BE INCLUDED.

