

PRECONSTRUCTION DESIGN MEMORANDUM

MEMO: PCDM-24

DATE: May 22, 2024

SUBJECT: Pay Items for the 2025 Standard Specifications for Highway Construction

All projects must use the 2025 pay item list beginning with the January 2025 letting to ensure the pay items are compliant with the pending publication of the 2025 Standard Specifications for Highway Construction. The 2025 pay item list is available for reference online at: <https://www.scdot.org/business/road-pay.aspx>.

Some 2025 pay item numbers were changed to align with the 2025 Standard Specifications for Highway Construction. Reference the attached list of the revised 2025 pay items with the corresponding 2007 numbers.

The appropriate Spec Book Year must be selected when entering pay items into P2S.

Include the following pay item on the Summary of Estimated Quantities sheet for all projects with railroad involvement that utilize the 2025 pay item list:

1033000 Railroad Insurance LS

This item will also need to be included on the General Construction Sheet of the plans with the work description of "Per Contract Documents".

January 2025 Letting

George R. Bedenbaugh, Jr., P.E.
Director – Office of Engineering Support

Effective Date

GRB:bhl
Attachment
ec:

Rob Perry, Deputy Secretary for Engineering
John Boylston, Chief Engineer for Project Delivery
Andy Leaphart, Chief Engineer for Operations
Julie Barker, Director of Preconstruction
Robbie Isgett, Director of Construction
Brent Dillion, Director of Traffic Engineering
Jeff Terry, Director of Maintenance
Chris Lacy, Director of Bridge Management

Mike Barbee, Director of Rights of Way
Chris Gaskins, Director of Alternative Delivery
Jeremy Harmon, Acting RP Engineer – Lowcountry
Leah Quattlebaum, RP Engineer – Pee Dee
Adam Humphries, RP Engineer – Midlands
RP Engineer – Upstate
Tad Kitowicz, FHWA



REVISED 2025 PAY ITEMS

25 Item Number	Long Description	UNITS	07 Item Number
2035000	STATION GRADING	STA	2035100
3059900	MAINTENANCE STONE	TON	3069900
4011500	ARAMID FIBER	LB	4011300
4013000	SURFACE PLANE ASPHALT PAVEMENT - VARIABLE	SY	4013099
4013110	MILLING EXISTING ASPHALT PAVEMENT 1.0"	SY	4013100
4013112	MILLING EXISTING ASPHALT PAVEMENT 1.25"	SY	4013125
4013115	MILLING EXISTING ASPHALT PAVEMENT 1.5"	SY	4013150
4013117	MILLING EXISTING ASPHALT PAVEMENT 1.75"	SY	4013175
4013118	MILLING EXIST. ASPHALT PAVEMENT 1.8"	SY	4013180
4013120	MILLING EXISTING ASPHALT PAVEMENT 2.0"	SY	4013200
4013125	MILLING EXISTING ASPHALT PAVEMENT 2.5"	SY	4013250
4013127	MILLING EXISTING ASPHALT PAVEMENT 2.75"	SY	4013265
4013130	MILLING EXISTING ASPHALT PAVEMENT 3.0"	SY	4013300
4013135	MILLING EXISTING ASPHALT PAVEMENT 3.5"	SY	4013350
4013140	MILLING EXISTING ASPHALT PAVEMENT 4.0"	SY	4013400
4013145	MILLING EXISTING ASPHALT PAVEMENT 4.5"	SY	4013450
4013150	MILLING EXISTING ASPHALT PAVEMENT 5.0"	SY	4013500
4013160	MILLING EXISTING ASPHALT PAVEMENT 6.0"	SY	4013600
4013170	MILLING EXISTING ASPHALT PAVEMENT 7.0"	SY	4013700
4013175	MILLING EXISTING ASPHALT PAVEMENT 7.5"	SY	4013750
4013180	MILLING EXISTING ASPHALT PAVEMENT 8.0"	SY	4013800
4013190	MILLING EXISTING ASPHALT PAVEMENT 9.0"	SY	4013900
4013200	MILLING EXISTING ASPHALT PAVEMENT 10.0"	SY	4013910
4013212	MILLING EXISTING ASPHALT PAVEMENT 12.0"	SY	4013912
4013214	MILLING EXISTING ASPHALT PAVEMENT 14.0"	SY	4013914
4020310	ASPHALT BASE COURSE TYPE A	TON	3100310
4020320	ASPHALT BASE COURSE TYPE B	TON	3100320
4021100	ASPHALT BASE COURSE TYPE C	TON	3100330
4022100	ASPHALT BASE COURSE TYPE D	TON	3100340
4030310	ASPHALT INTERMEDIATE COURSE TYPE A	TON	4020310
4030320	ASPHALT INTERMEDIATE COURSE TYPE B	TON	4020320
4032321	ASPHALT INTERMEDIATE COURSE TYPE C	TON	4020330
4040310	ASPHALT SURFACE COURSE TYPE A	TON	4030310
4040320	ASPHALT SURFACE COURSE TYPE B	TON	4030320
4040340	ASPHALT SURFACE COURSE TYPE C	TON	4030340
4040350	ASPHALT SURFACE COURSE TYPE D	TON	4030350
4040360	ASPHALT SURFACE COURSE TYPE E	TON	4030360
4047000	ASPHALT SURFACE COURSE FOR DITCH PAVING	TON	4037000
4047210	DRIVEWAY SURFACE COURSE TYPE B	TON	4037210
4047220	DRIVEWAY SURFACE COURSE TYPE C	TON	4037220
4047230	DRIVEWAY SURFACE COURSE TYPE D	TON	4037230
4051000	OPEN-GRADED FRICTION COURSE-9.5 MM	TON	4091000
4052000	OPEN-GRADED FRICTION COURSE-12.5 MM	TON	4092000
4090200	MICROSURFACING SURFACE COURSE	SY	4100200
4090205	MICROSURFACING LEVELING/RUT FILL	TON	4100205

4106305	PREVENTATIVE MAINTENANCE SURFACE TREATMENT	SY	4036305
6011000	TRAFFIC CONTROL	LS	1071000
6051120	PERMANENT CONSTRUCTION SIGNS (GROUND MOUNTED)	SF	6021120
6051125	PERMANENT CONSTRUCTION SIGNS (BARRICADE	SF	6021125
6240005	4" WHITE BROKEN LINES (GAPS EXCLUDED) -FAST DRY	LF	6250005
6240007	6" WHITE BROKEN LINES (GAPS EXCLUDED) -FAST DRY	LF	6250007
6240008	6" BLACK BROKEN LINES (GAPS EXCLUDED) -FAST DRY	LF	6250008
6240010	4" WHITE SOLID LINES (PAVEMENT EDGE LINES) -FAST DRY	LF	6250010
6240012	6" WHITE SOLID LINES (PAVEMENT EDGE LINES) -FAST DRY	LF	6250012
6240015	6" WHITE SOLID LINES (CROSSWALK & CHANNELIZATION)-FAST DRY PAINT	LF	6250015
6240020	12" WHITE SOLID LINES-FAST DRY PAINT	LF	6250020
6240025	24" WHITE SOLID LINES (STOP\D)-FAST DRY PAINT	LF	6250025
6240030	WHITE SINGLE ARROW (LEFT, STRAIGHT, RIGHT)-FAST DRY	EA	6250030
6240031	WHITE SINGLE BIKE LANE ARROW (LEFT, STRAIGHT, RIGHT)-FAST DRY PAINT	EA	6250031
6240035	WHITE WORD MESSAGE "ONLY"-FAST DRY PAINT	EA	6250035
6240040	WHITE COMBINATION ARROW(STRAIGHT & RIGHT OR SRAGHT&LEFT)- FD PAINT	EA	6250040
6240043	WHITE LANE DROP ARROW (LEFT OR RIGHT)-FAST DRY	EA	6250043
6240045	RAILROAD CROSSING SYMBOLS- FAST DRY PAINT	EA	6250045
6240050	HANDICAP SYMBOL - FAST DRY PAINT	EA	6250050
6240055	BIKE LANE SYMBOL- FAST DRY PAINT	EA	6250055
6240105	4" YELLOW BROKEN LINES (GAPS EXCLUDED) -FAST DRY	LF	6250105
6240107	6" YELLOW BROKEN LINES (GAPS EXCLUDED) -FAST DRY	LF	6250107
6240110	4" YELLOW SOLID LINES (PAVEMENT EDGE LINES & NO PASSING ZONE) -FAST DRY PAINT	LF	6250110
6240111	6" YELLOW SOLID LINES (PAVEMENT EDGE LINES & NO PASSING ZONE) -FAST DRY PAINT	LF	6250111
6240112	6" YELLOW SOLID LINES ON CURB/MEDIAN FAST DRY PAINT	LF	6250112
6240113	6" YELLOW SOLID LINES ON 6" CONCRETE CURB (TOP&SIDE)- FAST DRY PAINT	LF	6250113
6240115	24" YELLOW DIAGONAL LINES - FAST DRY PAINT	LF	6250115
6251005	4" WHITE BROKEN LINES(GAPS	LF	6241005
6251007	6" WHITE BROKEN LINES(GAPS	LF	6241007
6251010	4" WHITE SOLID LINES (PVT. EDGE LINES)	LF	6241010
6251012	6" WHITE SOLID LINES (PVT. EDGE LINES)	LF	6241012
6251015	8" WHITE SOLID LINES PERM.PVMT.MARKINGS	LF	6241015
6251020	12" WHITE SOLID LINES - PERM.PVMT.MARKINGS	LF	6241020
6251022	18" WHITE SOLID LINES - PERM.PVMT.MARKINGS	LF	6241022
6251023	12IN X 18IN WHITE TRIANG. YIELD BAR (GAPS EXC)PERM.PVMT.MARK	LF	6241023
6251025	24" WHITE SOLID LINES (STOP/DIAG LINES)-	LF	6241025
6251030	WHITE SINGLE ARROWS (LT, STRGHT, RT)	EA	6241030
6251031	WHITE SINGLE FISH HOOK ARROW PERM.PVMT.MARKING	EA	6241031
6251034	WHITE WORD MESSAGE "YIELD"-PERM.PVMT.MARKING	EA	6241034
6251035	WHITE WORD MESSAGE "ONLY" -PERM.PVMT.MARKING	EA	6241035

6251036	WHITE WORD MESSAGE "STOP AHEAD" -	EA	6241036
6251037	WHITE WORD MESSAGE "SCHOOL" -PERM.PVMT.MARKING	EA	6241037
6251038	WHITE WORD MESS "LANE ENDS X FT" – 3 LINES -	EA	6241038
6251039	WHITE WORD MESSAGE "STOP" -PERM.PVMT.MARKING	EA	6241039
6251040	WHITE COMBINATION ARROWS(STR&RT.OR STR<)PERM.PVMT.MARKING	EA	6241040
6251041	WHITE COMBINATION FISH HOOK ARROW	EA	6241041
6251043	WHITE LANE DROP ARROW(LT.OR	EA	6241043
6251045	RAILROAD CROSSING SYMBOLS - PERM.PVMT.MARKING	EA	6241045
6251050	HANDICAP SYMBOL - PERM.PVMT MARKING	EA	6241050
6251064	4" YELLOW BROKEN LINES(GAPS	LF	6241064
6251066	6" YELLOW BROKEN LINES(GAPS	LF	6241066
6251074	4" YELLOW SOLID LINES(PVT.EDGE LINES)	LF	6241074
6251076	6" YELLOW SOLID LINES(PVT.EDGE LINES)	LF	6241076
6251078	8" YELLOW SOLID LINES(PVT.EDGE LINES)	LF	6241078
6251079	12" YELLOW SOLID LINES - PERM.PVMT.MARKING	LF	6241079
6251080	24" YELLOW SOLID LINES - PERM.PVMT.MARKING	LF	6241080
6261005	4" WHITE BROKEN LINES -(GAPS EXCLUDED) - EPOXY PAINT SLOW CURE	LF	6262005
6261007	6" WHITE BROKEN LINES -(GAPS EXCLUDED) EPOXY PAINT SLOW CURE	LF	6262007
6261008	6" BLACK BROKEN LINES -(GAPS EXCLUDED) EPOXY PAINT SLOW CURE	LF	6262008
6261009	12" WHITE BROKEN LINES-LANE DROP PATTERN-EPOXY	LF	6262009
6261010	4" WHITE SOLID LINES (PVT. EDGE LINES) EPOXY PAINT	LF	6262010
6261012	6" WHITE SOLID LINES (PVT. EDGE LINES) EPOXY PAINT	LF	6262012
6261015	8"WHITE SOLID LINES-CROSSWALK&CHANNELIZATION-EPOXY PAINT SLOW CURE	LF	6262015
6261020	12" WHITE SOLID LINES (GORE MARKINGS) EPOXY PAINT SLOW CURE	LF	6262020
6261021	12" WHITE SOLID LINES (DIAGONAL LINES) EPOXY PAINT SLOW CURE	LF	6262021
6261023	12IN X 18IN WHITE TRIANG. YIELD BAR (GAPS EXC)EPOXY PAINT SLOW CURE	LF	6262023
6261024	24IN X 36IN WHITE TRIANG. YIELD BAR (GAPS EXC)EPOXY PAINT SLOW CURE	LF	6262024
6261025	24"WHITE SOLID LINES(STOP LINES/DIAG.LINES) EPOXY PAINT SLOW CURE	LF	6262025
6261030	WHITE SINGLE ARROWS (LEFT, STRAIGHT, RIGHT) EPOXY PAINT SLOW CURE	EA	6262030
6261035	WHITE WORD MESSAGE "ONLY" - EPOXY PAINT SLOW CURE	EA	6262035
6261040	WHITE COMBINATION ARROW (STR.&RT.OR STR.<) EPOXY PAINT SLOW CURE	EA	6262040
6261043	WHITE LANE DROP ARROW (LEFT OR RIGHT) EPOXY PAINT SLOW CURE	EA	6262043
6261045	RAILROAD CROSSING SYMBOLS - EPOXY PAINT SLOW CURE	EA	6262045
6261105	4" YELLOW BROKEN LINES(GAPS EXC) EPOXY PAINT SLOW	LF	6262105

6261110	4"YELLOW SOLID LINES-PVT.EDGE&NO PASSING ZONE - EPOXY PAINT SLOW CURE	LF	6262110
6261112	6"YELLOW SOLID LINES-PVT.EDGE&NO PASS. ZONE - EPOXY PAINT SLOW CURE	LF	6262112
6261114	12"YELLOW SOLID LINES-DIAGONAL LINE - EPOXY PAINT	LF	6262114
6261115	24" YELLOW DIAGONAL LINE - EPOXY PAINT SLOW CURE	LF	6262115
6282005	4" WHITE BROKEN LINES- (GAPS EXCLD) - SINGLE COMPONENT HYBRIDIZED POLYMER– 25 MILS	LF	6332005
6282007	6" WHITE BROKEN LINES-(GAPS EXCLD)-SINGLE COMPONENT HYBRIDIZED POLYMER–25 MILS	LF	6332007
6282008	6" BLACK BROKEN LINES-(GAPS EXCLD)-SINGLE COMPONENT HYBRIDIZED POLYMER–25 MILS	LF	6332008
6282010	4" WHITE SOLID LINES-(PAVEMENT EDGE LINES)-SINGLE COMPONENT HYBRIDIZED POLYMER–25 MILS	LF	6332010
6282012	6" WHITE SOLID LINES-(PAVEMENT EDGE LINES)-SINGLE COMPONENT HYBRIDIZED POLYMER–25 MILS	LF	6332012
6282015	8" WHITE SOLID LINES-(CROSS WALK & CHANNELIZATION)-SINGLE COMPONENT HYBRIDIZED POLYMER–25 MILS	LF	6332015
6282020	12" WHITE SOLID LINES-(GORE MARKINGS)-SINGLE COMPONENT HYBRIDIZED POLYMER–25 MILS	LF	6332020
6282021	12" WHITE SOLID LINES-(DIAGONAL LINES)-SINGLE COMPONENT HYBRIDIZED POLYMER–25 MILS	LF	6332021
6282025	24" WHITE SOLID LINES-(STOP/DIAGONAL LINES)-SINGLE COMPONENT HYBRIDIZED POLYMER–25 MILS	LF	6332025
6282030	WHITE SINGLE ARROWS (LEFT, STRIAGHT, RIGHT) SINGLE COMPONENT HYBRIDIZED POLYMER–25 MILS	EA	6332030
6282035	WHITE WORD MESSAGE "ONLY" - SINGLE COMPONENT HYBRIDIZED POLYMER–25 MILS	EA	6332035
6282040	WHITE COMBINATION ARROW (STRAIGHT&RIGHT OR STRAIGHT&LEFT) - SINGLE COMPONENT HYBRIDIZED POLYMER–25 MILS	EA	6332040
6282043	WHITE LANE DROP ARROW (LEFT OR RIGHT) - SINGLE COMPONENT HYBRIDIZED POLYMER–25 MILS	EA	6332043
6282045	RAILROAD CROSSING SYMBOLS - SINGLE COMPONENT HYBRIDIZED POLYMER - 25 MILS	EA	6332045
6282105	4" YELLOW BROKEN LINES (GAPS EXCLUDED) - SINGLE COMPONENT HYBRIDIZED POLYMER - 25 MILS	LF	6332105
6282110	4" YELLOW SOLID LINES (PAVEMENT EDGE & NO PASSING ZONE) - SINGLE COMPONENT HYBRIDIZED POLYMER - 25	LF	6332110
6282112	6" YELLOW SOLID LINES (PAVEMENT EDGE & NO PASSING ZONE) - SINGLE COMPONENT HYBRIDIZED POLYMER - 25	LF	6332112
6282114	12" YELLOW SOLID LINES (DIAGONAL LINE) - SINGLE COMPONENT HYBRIDIZED POLYMER - 25 MILS	LF	6332114
6282115	24" YELLOW DIAGONAL LINE - SINGLE COMPONENT HYBRIDIZED POLYMER - 25 MILS	LF	6332115
6290001	EVALUATION OF PAVEMENT MARKING RETROREFLECTIVITY	LS	6320001
6581000	DESIGN & INSTALLATION OF RDWY. LIGHTING ELECTRICAL	LS	6651000

6581145	SGL.LIGHT STD.35'HT.AL.POLE-INCL TOP TENON MT.	EA	6651145
6585015	HIGH MAST LIGHT STANDARD-	EA	6655015
6585020	HIGH MAST LIGHT STANDARD-	EA	6655020
6585050	PORTABLE DRIVE MOTOR FOR HIGH MAST LOWERING	EA	6655050
7046010	3'-0" x 1'-9" CORED SLABS	LF	7045991
7046020	3'-0" x 2'-0" CORED SLABS	LF	7045992
7046110	3'-0" X 1'-9" SLABS	LF	7045993
7046120	3'-0" X 2'-0" SLABS	LF	7045994
7120010	CROSSHOLE SONIC LOGGING SET UP	EA	7270010
7160008	DRILLED PILE SET-UP	EA	7120006
7160020	SOIL EXCAVATION FOR DRILLED PILE FOUNDATIONS-16"	LF	7120021
7160021	SOIL EXCAVATION FOR DRILLED PILE FOUNDATIONS-21"	LF	7120023
7160022	SOIL EXCAVATION FOR DRILLED PILE FOUNDATIONS-24"	LF	7120025
7160023	SOIL EXCAVATION FOR DRILLED PILE FOUNDATIONS-30"	LF	7120027
7160024	SOIL EXCAVATION FOR DRILLED PILE FOUNDATIONS-36"	LF	7120029
7160060	ROCK EXCAVATION FOR DRILLED PILE FOUNDATIONS-16"	LF	7120060
7160061	ROCK EXCAVATION FOR DRILLED PILE FOUNDATIONS-21"	LF	7120063
7160062	ROCK EXCAVATION FOR DRILLED PILE FOUNDATIONS-24"	LF	7120065
7160063	ROCK EXCAVATION FOR DRILLED PILE FOUNDATIONS-30"	LF	7120067
7160064	ROCK EXCAVATION FOR DRILLED PILE FOUNDATIONS-36"	LF	7120069
7292000	WATERPROOFING	SY	8141000
7293000	WATERPROOFING (BRIDGE DECK)	SY	8143000