

300

Stabilized Subgrade Base and Shoulders

Plate

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301	Subgrade Modification	-	
	Manipulation for Aggregate Subgrade Modification (*) (**)	301 -	1
	Recap of Aggregate for Base	301 -	1b
	Aggregate Base Actual Depths	301 -	2b
	Aggregate Base Crown Checks	301 -	2c
	Manipulation for In-Place Material Subgrade Modification (**)	301 -	1
	Aggregate Base Actual Depths	301 -	2b
	Aggregate Base Crown Checks	301 -	2c
	Aggregate (tons)	301 -	1a
	Aggregate for Subgrade Modification (sq yards)	301 -	2
	Aggregate Tally for Subgrade (cu yds)	301 -	2a
	Calcium Chloride	301 -	3
	Recap of Calcium Chloride	301 -	3a
	Cement	301 -	4
	Recap of Cement	301 -	4a
	Fly Ash	301 -	5
	Recap of Fly Ash	301 -	5a
	Water (Subgrade Modification) (Set Price)	301 -	6
	Recap of Water	301 -	6a
302	Lime Treated Subgrade		
	Lime	302 -	1
	Manipulation (Lime Treated Subgrade)	302 -	2
	Preliminary Mixing of Lime Sub-Grade	302 -	2a
	Final Mixing Check of Lime Subgrade	302 -	2b
	Moisture Content in Lime Base	302 -	2c
	Moisture Content at Beginning of Curing	302 -	2d
	Water (Lime Treated Subgrade)	302 -	3
	Recap of Water Hauled	301 -	6a
303	Cement or Fly Ash Treated Subgrade		
	Cement	301 -	4
	Recap of Cement	301 -	4a
	Fly Ash	301 -	5
	Recap of Fly Ash	301 -	5a
	Manipulation for Treated Subgrade	302 -	2
	Water (Treated Subgrade) (Set Price)	301 -	6
	Recap of Water Hauled	301 -	6a

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304	Crushed Stone Subgrade	
	Crushed Stone Subgrade (*)	301 - 1
	Aggregate Tally for Subgrade (cu yds)	301 - 2a
	Aggregate Base Actual Depths	301 - 2b
	Aggregate Base Crown Checks	301 - 2c
	Water (Crushed Stone Subgrade)	304 - 2
	Recap of Water Hauled	301 - 6a
305	Aggregate Base and Aggregate Shoulders	
	Aggregate Base (*) (**)	301 - 1
	Aggregate Base Actual Depths	301 - 2b
	Aggregate Base Crown Checks	301 - 2c
	Aggregate Shoulder (*) (**)	301 - 1
	Aggregate Base Actual Depths	301 - 2b
	Aggregate Base Crown Checks	301 - 2c
	Calcium Chloride	301 - 3
	Recap of Calcium Chloride	301 - 3a
	Water (Aggregate Base) (Set Price)	304 - 2
	Recap of Water Hauled	301 - 6a
	Water (Aggregate Shoulders) (Set Price)	304 - 2
	Recap of Water Hauled	301 - 6a
306	Cement Treated Base	
	Cement Treated Base	306 - 1
	Aggregate Base Actual Depths	301 - 2b
	Aggregate Base Crown Checks	301 - 2c
	Quality Control Testing (CTB)	306 - 2
	Liquid Membrane Forming Compound (CTB)	306 - 3
	Density Test (CTB)	306 - 4
	Density Moving Averages	306 - 5
	7 Day Compressive Strength Test	306 - 6
307	Granular Base	
	Granular Base (*)	301 - 1
	Aggregate Base Actual Depths	301 - 2b
	Aggregate Base Crown Checks	301 - 2c
	Water (Granular Base) (Set Price)	304 - 2
	Recap of Water Hauled	301 - 6a

10 AGGREGATE TALLY FOR SUBGRADE						Line No.	Plan Qty		
Date	Load Tally	Truck Number	Truck size (Cu. YDS.)	Daily Total	Accum Total	Remarks			INSP

301-2a

10

AGGREGATE BASE ACTUAL DEPTH

Date	Location	Sta.	Plan	Actual	INSP	Remarks				

This plate is a record of actual depth checks conducted to assure the depth of the granular sub-base was in reasonable conformance with plan depth. This plate may be used with other aggregate bases.

301-2b

AGGREGATE BASE 2" CROWN CHECKS (24" WIDTH)

Distance From C.L.	Plan Depth	Sta. 5+00 Actual Depth	Sta. 10+00 Actual Depth	Sta. 15+00 Actual Depth
Date				
INSP				
Remarks				
<p>This plate is a record of crown measurements to assure that the aggregate base is being constructed in reasonable conformance with the typical section shown on the plans. This plate gives a comparison of the plan and actual measurement. This plate may be used for other aggregate bases.</p>				

301-2c

RECAP OF CERTIFIED CEMENT RECEIVED, USED, & ON HAND

							TONS CEMENT RECIVD.	TONS CEMENT USED	TONS CEMENT ON HAND	ACCUM. TONS CEMENT USED	INSP.
	INVOICE NUMBER	BRAND	TYPE	BIN NUMBER	CU. YDS. PLACED						
	DATE										

301-4a

This may also be used as a field record of aggregates, received, used and on hand.

RECAP OF WATER HAULED									LINE NO.	PLAN QTY		
		Weekly	Accum	Reference								
	Week	Total	Total	Book	Estimate	Type of						
	Ending	Ending	Ending	Page	Number	Use	Remarks				Insp.	
301-6a												
	CAN ALSO BE USED WITH BACKFILLING FOR STRUCTURES											

	MANIPULATION (LIME TREATED SUBGRADE)						Line No.	Plan Qty.			
	Date	Sta to Sta.	Lin. Ft.	Width	Sq. Yds.	Accum Sq. Yds.		Remarks	Insp.		
302-2											

May also be used for Cement or Fly Ash Treated Subgrade

PRELIMINARY MIXING CHECK OF LIME SUBGRADE

DATE	LOCATION	WEIGHT OF SAMPLE	WT. PASSING 2" SIEVE	% PASSING 2" SIEVE	% REQUIRED	INSP.
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302-2A

FINAL MIXING CHECK OF LIME SUBGRADE

DATE	LOCATION	WT. OF SAMPLE	WT. PASSING 1 1/2" SIEVE	% PASSING 1 1/2 " SIEVE	% REQ.	WT. PASSING #4 SIEVE	% PASSING #4 SIEVE	% REQ.	INSP.

302-2b

10 MOISTURE CONTENT IN LIME BASE

Date	Sta.	Side	Test Number	Percent Moisture	Optimum Moisture	Remarks				INSP.
<p>This plate is a record of the results of moisture tests conducted to show that the moisture at the time of laydown was in compliance with the specifications. Deficient tests should be recorded as well as the remedial action taken.</p>										

302-2c

10 MOISTURE CONTENT IN LIME BASE AT BEGINNING OF CURING PROCESS

Date	Sta.	Side	Test Number	Percent Moisture	Optimum Moisture	Remarks				INSP.	

This plate records the actual moisture content and the optimum moisture for comparison to insure substantial compliance with the specifications at the beginning of the curing process.

302-2d

		WATER (*) (Set Price)										
		Date	Location	Tank or Meter	Type of Use	Optimum Moisture	M-Gal.	Accum M-Gal.	Remarks	Insp.		

304-2

(*) May be either Crushed Stone Subgrade, Base, Shoulder, or Granular Base

Recap of Liquid Membrane Forming Compound for Cure of CTB

Bid Item #

Date	Location	Length	Width	Sq Yds	Gals. Used	Gals./Sq Yd	Accum Gals.	Insp.

Minimum Rate is 0.12 Gals./Sq.Yd.

306-3

CTB DENSITY TESTS

DATE	LOCATION	DIST. FROM CL	TEST #1	TEST#2	TEST#3	AVG.	CORR. FACT.	CORR. READ.	STD.	%STD.	INSP.

306-4

STANDARD DENSITY & MOVING AVERAGE STANDARD DENSITIES

DATE	LAB SPEC. NO.	lbs./cu. ft.	3 DAY AVG. lbs./cu. ft.	REMARKS	INSP.

306-5

RECAP OF 7 DAY COMPRESSIVE STRENGTH TESTS 07-03001-R-1

LOT #	PLACEMENT DATE	BREAKING DATE	CONTRACTOR PSI	KDOT PSI	PASS/FAIL	REMOVE YES/NO	LOT SIZE SQ. YD.	PAY FACTOR	INSP.

306-6