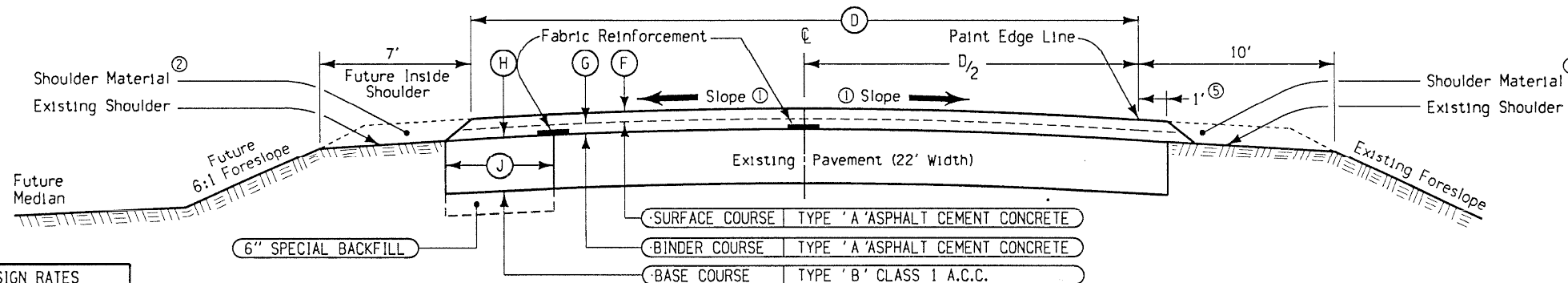


Note: See appropriate details and tabulations for additional information.

2602-A
MODIFIED



DESIGN RATES	
ITEM	RATE
Surface Course	145 lbs./cu.ft
Binder Course	145 lbs./cu.ft
Tack Coat	0.05 gal./sq.yd.
Base (Class 1)	145 lbs./cu.ft
Special Backfill	140 lbs./cu.ft

TABLE OF DESIGN QUANTITIES		Per Station						
LOCATION		DIMENSIONS					CLASS 13 EXCAVATION Cu.Yds. ③	SPECIAL BACKFILL Tons ③
ROAD IDENTIFICATION	STATION TO STATION	(F)	(G)	(D)	(H)	(J)		PRIME AND TACK COAT Gallons ④
Ia. 137	90+00 127+00	2"	4.5"	24'	7"	3.6' ⑦	14.44	47.10
Ia. 137	199+96 252+30	2"	4.5"	24'	7"	3.6' ⑧	14.44	47.10

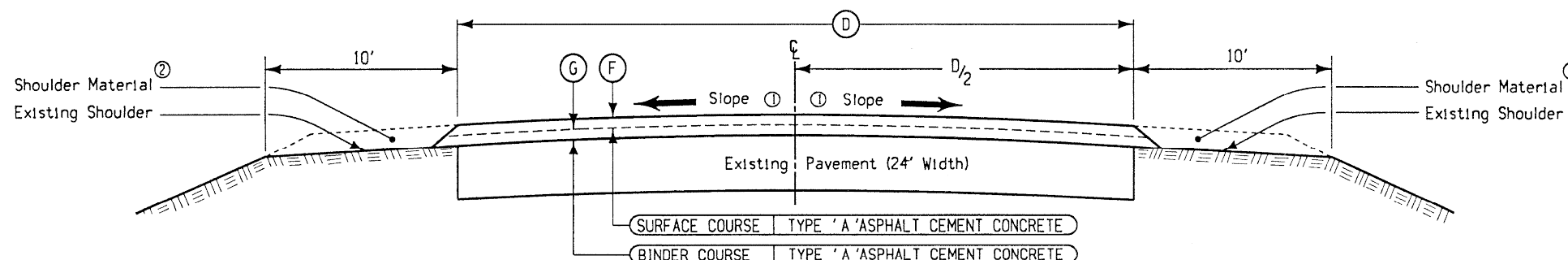
ASPHALT CEMENT CONCRETE Tons				
		SURFACE	BINDER ⑥	BASE
		30.41	75.33	15.22
		30.41	75.33	15.22

Notes:

- ① Finished slope shall match existing pavement except that the maximum allowable slope is 3.0 %, minimum allowable slope is 2.0 %. Section may be modified as directed by the engineer through areas of special shaping. Refer to tabulation listing of superelevated curves and Standard Road Plans for additional requirements through superelevated curves.
- ② Shoulder material as specified elsewhere in these plans; refer to typical 7135 for "Type 'B' Granular Surfaced Shoulders".
- ③ Quantity is for placement of widening unit.
- ④ Estimated for 3 applications. Quantity includes 4.28 Gal. for placement of widening unit.
- ⑤ Edge line to be striped for 24' roadway width. Outside 1' by 6.5" of the A.C.C. resurfacing, on existing mainline, to be used as paved shoulder.
- ⑥ Quantity includes 5.44 Tons for crown correction (shifting of centerline).
- ⑦ Future Southbound Roadway. Place Widening Unit and 7' Shoulder on Right Side.
- ⑧ Future Northbound Roadway. Place Widening Unit and 7' Shoulder on Left Side.

TYPICAL CROSS SECTION ASPHALT CEMENT CONCRETE RESURFACING

2602-B
MODIFIED



DESIGN RATES	
ITEM	RATE
Surface Course	145 lbs./cu.ft
Binder Course	145 lbs./cu.ft
Tack Coat	0.05 gal./sq.yd.

TABLE OF DESIGN QUANTITIES		Per Station			
LOCATION		DIMENSIONS			PRIME AND TACK COAT Gallons
ROAD IDENTIFICATION	STATION TO STATION	(D)	(F)	(G)	ASPHALT CEMENT Tons
Ia. 137	3290+00 ③ ④ 3352+70	24'	2"	2"	27.22

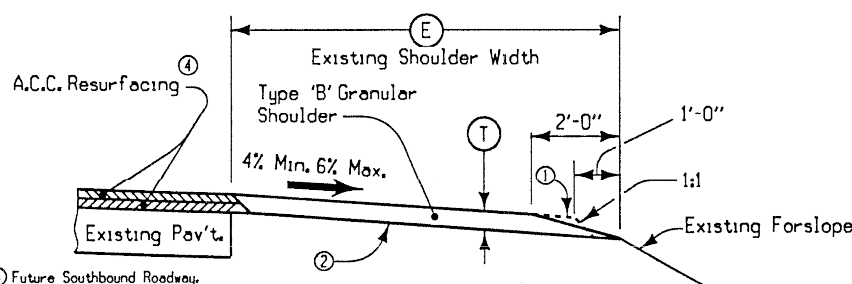
ASPHALT CEMENT CONCRETE Tons			
		SURFACE	BINDER ⑤
		29.20	34.82

Notes:

- ① Finished slope shall match existing pavement except that the maximum allowable slope is 3.0 %, minimum allowable slope is 2.0 %. Section may be modified as directed by the engineer through areas of special shaping. Refer to tabulation listing of superelevated curves and Standard Road Plans for additional requirements through superelevated curves.
- ② Shoulder material as specified elsewhere in these plans; refer to typical 7135 for "Type 'B' Granular Surfaced Shoulders".
- ③ Equation: Sta. 252+30 (Back) = Sta. 3290+00 (Ahead).
- ④ Placement of 2' widening unit from Sta. 3290+00 to Sta. 3292+00 (Left Side) is required for transitioning centerline. See typical TR-1.
- ⑤ Quantity includes 5.22 tons for crown correction.

TYPICAL CROSS SECTION ASPHALT CEMENT CONCRETE RESURFACING

7135
MODIFIED



- ⑤ Future Southbound Roadway.
- ⑥ Future Northbound Roadway.
- ⑦ 7' Width on Right (Future Inside) and 9' on Left (Future Outside).
- ⑧ 7' Width on Left (Future Inside) and 9' on Right (Future Outside).
- ⑨ Equations: Sta. 252+30 (Back) = Sta. 3290+00 (Ahead).

LOCATION		TONS ③		(T)		(E)	
ROAD IDENTIFICATION	STATION TO STATION	Left	Right	Inches	Feet		
Ia. 137 ⑤	90+00 127+00	Lt & Rt	37 28	6.5	⑦		
Ia. 137 ⑥	199+96 252+30 ④	Lt & Rt	28 37	6.5	⑧		
Ia. 137	3290+00 ⑨	Both	27 27	4.0	10'		

TYPICAL SECTION FOR TYPE 'B' GRANULAR SHOULDER ADJACENT TO ASPHALT CEMENT CONCRETE RESURFACING

Notes:

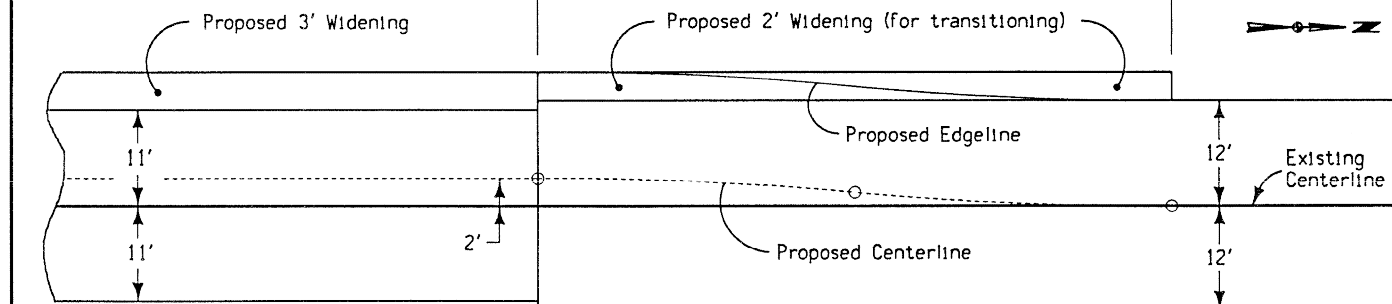
Quantities have been determined on the basis of a design weight of 145 lbs. per cubic foot.

① Place and compact material to the dashed lines; then blade and shape to foreslope that portion above the solid line in the outer 2' and roll with loaded truck tire.

② Existing shoulder surface to be shaped to a uniform cross slope prior to placing granular shoulder material. Shape to ensure the thickness of the granular shoulder material is not less than the thickness of the resurfacing. Shaping shall not be paid for separately, but shall be considered incidental to price bid for granular shoulder material.

③ Tons per side per station.

④ Outside 1' of pavement to be used as paved shoulder. See typical 2602-A.



Centerline Curve Data	
Δ	0°34'22.58"
D	0°34'22.44"
T	50.004'
L	100.007'
E	0.125'
R	10,001'

DETAILS OF PAVEMENT CENTERLINE TRANSITION

TR-1