STATE OF MAINE DEPARTMENT OF TRANSPORTATION



WALDOBORO

LINCOLN COUNTY

US ROUTE I STP-1725(200)X

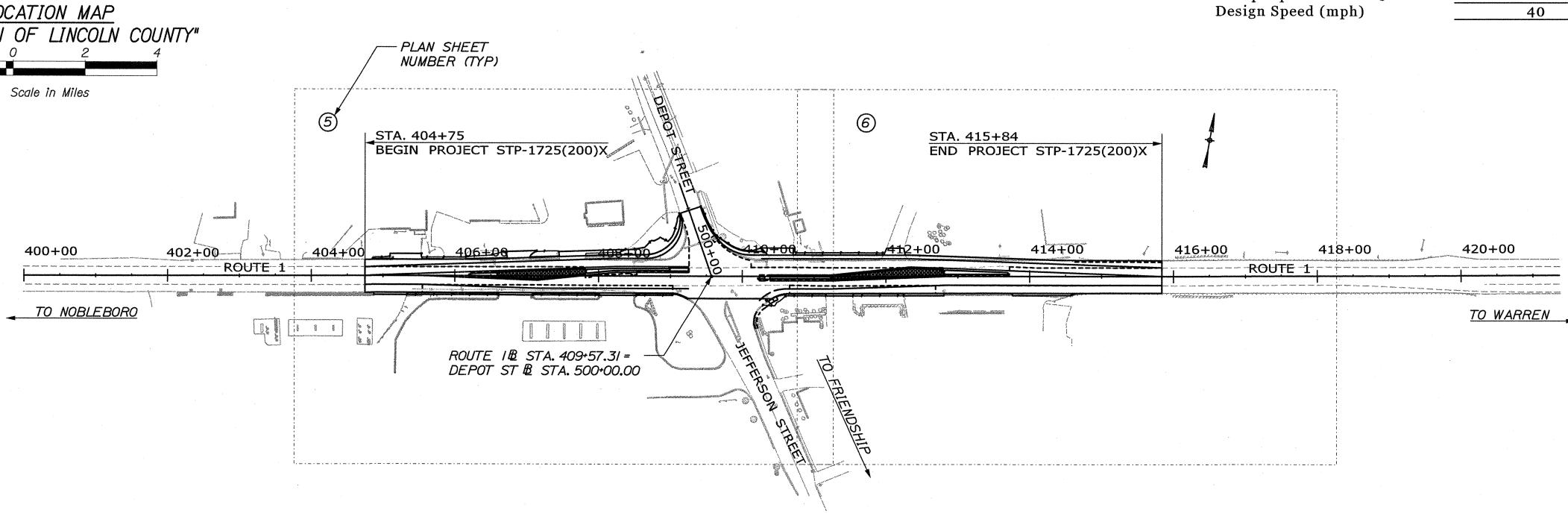
PROJECT LENGTH: 0.210 mi. A PAVEMENT, DRAINAGE, CURBING, STRIPING AND SIGNING PROJECT

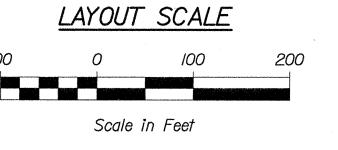
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TRAFFIC DATA

	US ROUTE 1 WEST OF DEPOT ST/ JEFFERSON ST	US ROUTE 1 EAST OF DEPOT ST/ JEFFERSON ST
Current (2010) AADT	13250	12550
Future (2020) AADT	15240	14690
DHV - % of AADT	11%	11%
Design Hour Volume	1676	1616
% Heavy Trucks (AADT)	8%	8%
% Heavy Trucks (DHV)	7%	7%
Directional Distribution (DHV)	52%	51%
18 kip Equivalent P 2.0	642	629
18 kip Equivalent P 2.5	612	599
Design Speed (mph)	40	40





SHEET NUMBER

GENERAL

- I. A COPY OF THE SUBSURFACE DATA REPORT FOR THIS PROJECT IS AVAILABLE BY CONTACTING THE PROJECT MANAGER, JAMES MANSIR AT 207-624-3612.
- 2. THE CONTRACTOR WILL BE RESPONSIBLE FOR MAINTAINING ALL EXISTING MAILBOXES TO ENSURE THAT THE MAIL WILL BE DELIVERABLE. NO SEPARATE PAYMENT WILL BE MADE FOR THIS WORK; IT SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.
- 3. ACRYLIC LATEX COLOR FINISH GREEN (ITEM 658.20) SHALL BE PLACED ON ALL PAVED ISLANDS.
- 4. ALL CLEARING SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT AND NO SEPARATE PAYMENT WILL BE MADE. THE ACTUAL LINES FOR CLEARING SHALL BE ESTABLISHED IN THE FIELD BY THE RESIDENT.
- 5. NO SEPARATE PAYMENT FOR SUPERINTENDENT OR FOREMAN SHALL BE MADE FOR THE SUPERVISION OF EQUIPMENT BEING PAID FOR UNDER THE EQUIPMENT RENTAL ITEMS.

<u>UTILITY</u>

I. THE UTILITIES INVOLVED IN THIS CONTRACT ARE:

CENTRAL MAINE POWER CO.
AQUA MAINE
FAIRPOINT COMMUNICATIONS
TIME WARNER CABLE
WALDOBORO UTILITY DISTRICT

2. ALL UTILITY FACILITIES SHALL BE ADJUSTED THE RESPECTIVE UTILITIES UNLESS OTHERWISE NOTED OR PLANNED.

EARTHWORK AND PAVEMENT

- I. WHERE OVERLAY PAVEMENT MATCHES EXISTING ROADWAY PAVEMENT, A PAVEMENT BUTT JOINT SHALL BE USED. PAYMENT SHALL BE MADE UNDER ITEM 202.203 PAVEMENT BUTT JOINT.
- 2. DRIVEWAY FILL SIDE SLOPES SHALL BE THE SAME AS THE NON-GUARDRAIL FILL SLOPES UNLESS OTHERWISE NOTED ON THE PLANS
- 3. CONSTRUCT BUTT JOINTS AT ALL PAVED DRIVES AND ENTRANCES.
- 4. ALL WASTE MATERIAL NOT USED ON THE PROJECT SHALL BE DISPOSED OF OFF THE PROJECT IN WASTE AREAS APPROVED BY THE RESIDENT.
- 5. BACKING UP BITUMINOUS CURB IS INCIDENTAL TO THE CURB ITEMS. IN AREAS WHERE NEW BITUMINOUS CURB IS DESIGNATED TO REPLACE EXISTING, THE REMOVAL OF THE OLD BITUMINOUS CURB SHALL BE INCIDENTAL TO THE NEW CURB.
- 6. A 3' PAVED LIP SHALL BE PLACED AT ALL GRAVEL ENTRANCES UNLESS OTHERWISE NOTED IN THE PLANS OR DIRECTED BY THE RESIDENT.
- 7. ENTRANCES SHALL BE CONSTRUCTED WITH:

RESIDENTIAL PAVED:
2" HOT MIX ASPHALT, GRADING 9.5 MM
12" AGGREGATE SUBBASE COURSE - GRAVEL
COMMERCIAL PAVED:
3" HOT MIX ASPHALT, GRADING 9.5 MM
11" AGGREGATE SUBBASE COURSE - GRAVEL
GRAVEL:
14" AGGREGATE SUBBASE COURSE - GRAVEL

- 8. ANY NECESSARY CLEANING OF EXISTING PAVEMENT PRIOR TO PAVING SHALL BE INCIDENTAL TO THE RELATED PAVING ITEMS.
- 9. WHERE PROPOSED PAVEMENT JOINS EXISTING PAVEMENT, THE EXISTING PAVEMENT SHALL BE SAW CUT ALONG A SMOOTH LINE TO A NEAT, EVEN, VERTICAL JOINT, AS DIRECTED BY THE RESIDENT. BROKEN OR RAVELLED EDGES SHALL NOT BE PERMITTED. ALL WORK NECESSARY FOR THE PREPARATION OF THE JOINT SHALL BE CONSIDERED INCIDENTAL TO THE RELATED CONTRACT ITEMS.
- IO. THE CONTRACTOR SHALL INSTALL CURB RAMP DETECTABLE WARNING FIELDS ON THE PROPOSED PEDESTRIAN RAMPS FOR THE CROSS WALK IN ACCORDANCE WITH THE SPECIAL PROVISION 608 DETECTABLE WARNINGS. COORDINATE WORK WITH RESIDENT.

EROSION CONTROL

- I. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE MAINE DEPARTMENT OF TRANSPORTATION'S BEST MANAGEMENT PRACTICES FOR EROSION CONTROL & SEDIMENT CONTROL, FEBRUARY, 2008.
- 2. LOAM SHALL BE PLACED TO A NOMINAL DEPTH OF 4 INCHES IN LAWN AREAS AND 2 INCHES IN ALL OTHER AREAS UNLESS OTHERWISE NOTED OR DIRECTED.
- 3. LOAM HAS BEEN ESTIMATED FOR 100% OF THE DISTURBED SLOPE AREAS. ACTUAL PLACEMENT OF THE LOAM SHALL BE AS DESIGNATED BY THE RESIDENT.
- 4. UNLESS OTHERWISE NOTED SEEDING METHOD NO. I SHALL BE UTILIZED ON ALL LAWNS AND DEVELOPED AREAS.

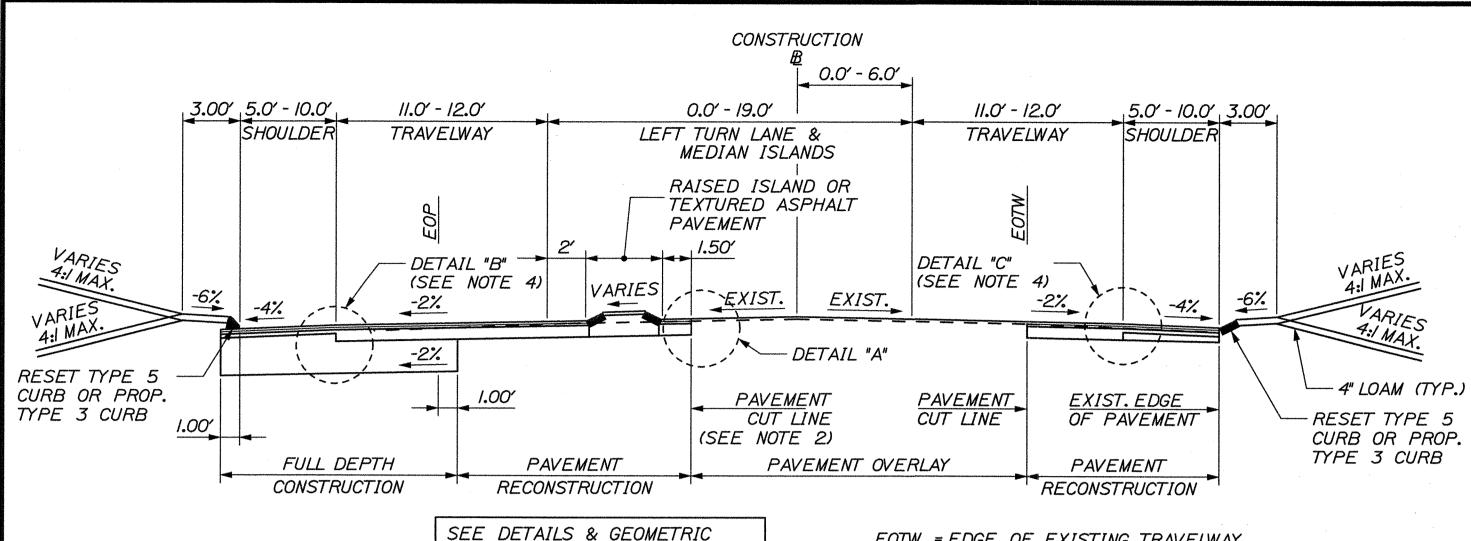
<u>DRAINAGE</u>

- IF FOUNDATION MATERIAL IS REQUIRED UNDER CULVERTS, IT SHALL MEET THE REQUIREMENTS FOR GRANULAR BORROW UNDERWATER BACKFILL AND WILL PAID FOR AS GRANULAR BORROW.
- 2. THE CULVERT SIZES SHOWN ON THE PLANS ARE FOR SMOOTHLINED PIPES.
- 3. ANY NECESSARY CUTTING OF EXISTING PIPES TO FIT IN AREAS OF PROPOSED CATCH BASINS WILL NOT BE PAID FOR SEPARATELY AND WILL BE CONSIDERED INCIDENTAL TO ITEM 604.
- ANY NECESSARY CUTTING OF EXISTING CATCH BASINS TO ALLOW FOR PROPOSED PIPE CONNECTIONS WILL NOT BE PAID FOR SEPARATELY AND WILL BE CONSIDERED INCIDENTAL TO ITEM 603.
- 5. ALL WORK NECESSARY TO CONNECT TO EXISTING PIPES AND DRAINAGE STRUCTURES SHALL BE INCIDENTAL TO THE 603 ITEM(S)
- 6. CATCH BASIN AND RIM ELEVATIONS NOTED ON THE PLANS ARE THE TOP OF GRATE ELEVATIONS AT THE CENTER OF GRATE. CATCH BASIN OFFSET LOCATIONS ARE MEASURED TO THE CENTER OF THE GRATE.
- 7. EXISTING CULVERTS TO REMAIN SHALL BE CLEANED AS DIRECTED BY THE RESIDENT. PAYMENT WILL BE MADE UNDER ITEM 631.32 CULVERT CLEANER (INCLUDING OPERATOR).
- 8. NO EXISTING DRAINAGE SHALL BE ABANDONED, REMOVED OR PLUGGED WITHOUT PRIOR APPROVAL OF THE RESIDENT.
- 9. INLETS AND OUTLETS OF ALL CULVERTS SHALL BE REPRAPPED UNLESS OTHERWISE NOTED ON THE PLANS OR DIRECTED BY THE RESIDENT.
- 10. PAYMENT FOR FLAT TOP DRAINAGE STRUCTURES SHALL BE INCIDENTAL TO ITEM 604.09 CATCH BASINS TYPE BI-C AND ITEM 604.16 ALTERING CATCH BASIN TO MANHOLE.

STATE OF MAINE		SIGNATURE SIGNATURE STP-1725(200)X			P.E. NUMBER		PIN HIGHWAY PLANS 17252.00 HIGHWAY PLANS		
PROJ. MANAGER JIM MANSIR BY DATE	DESIGN-DETAILED RBM LEM 06\10	CHECKED-REVIEWED DGE - 06\10 STG	DESIGN2-DETAILED2	DESIGN3-DETAILED3	REVISIONS 1 - P.E.	REVISIONS 2	REVISIONS 3 -	REVISIONS 4 - DATE	EE D CHANGES
WALDOBORO US ROUTE 1 DESIGNA DESIGNA DESIGNA DESIGNA						GENERAL NOTES			
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SEE DETAILS & GEOMETRIC
PLANS FOR LIMITS OF RAISED
AND CONCRETE MEDIAN ISLANDS

EOTW = EDGE OF EXISTING TRAVELWAY EOP = EDGE OF EXISTING PAVEMENT

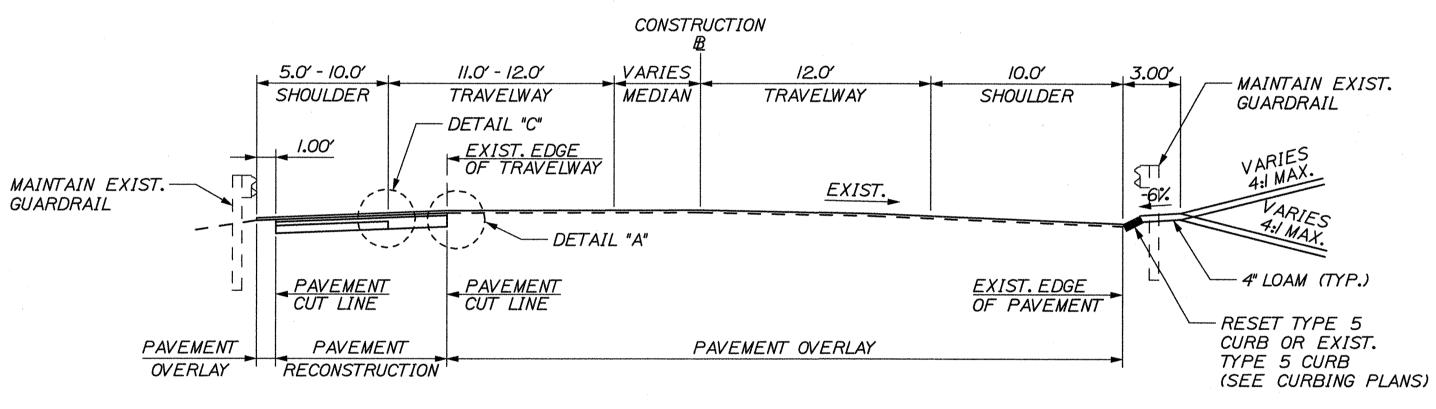
WIDEN TRAVELWAY & SHOULDER

STA. 406+30.8 TO 414+39.9 LT

<u>ROUTE I</u> TYPICAL SECTION

RECONSTRUCT SHOULDER

STA 404+75.0 TO 406+30.8 LT STA 414+39.9 TO 414+60.0 LT STA 405+55.0 TO 409+03.5 RT STA 410+66.0 TO 412+69.2 RT



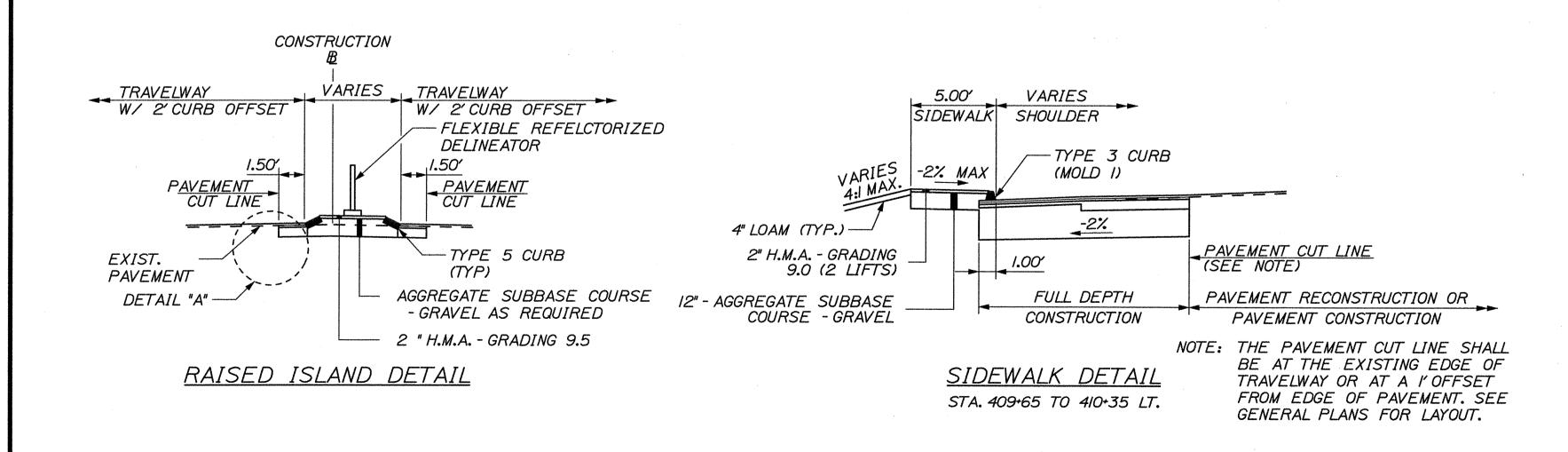
<u>RECONSTRUCT SHOULDER</u> <u>WITH GUARDRAIL</u>

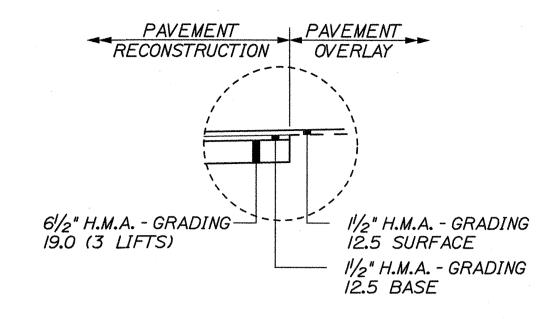
STA 414+60.0 TO 415+84.0 LT

<u>ROUTE I</u> TYPICAL SECTION

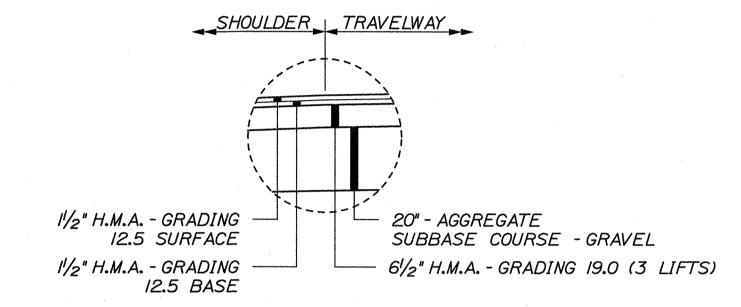
OVERLAY SHOULDER

STA 404+75.0 TO 405+55.0 RT STA 409+03.5 TO 410+66.0 RT STA 412+69.23 TO 415+84.0 RT

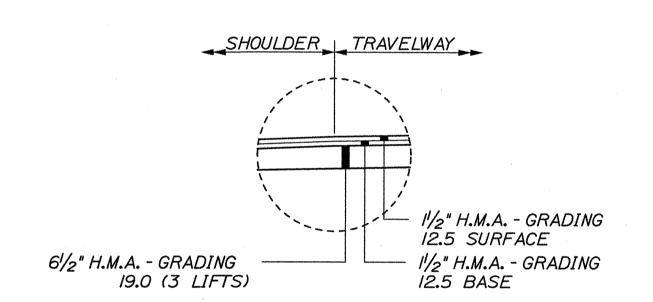




<u>DETAIL "A"</u> PAVEMENT RECONSTRUCTION & OVERLAY



<u>DETAIL "B"</u>
FULL DEPTH CONSTRUCTION



<u>DETAIL "C"</u>

PAVEMENT RECONSTRUCTION

NOTES:

- I. THE PAVEMENT DEPTHS AS SHOWN ON THE TYPICAL SECTIONS ARE INTENDED TO BE NOMINAL.
- 2. FOR PAVEMENT RECONSTRUCTION, PAVEMENT CUT LINE WILL BE EITHER AT THE EXISTING EDGE OF TRAVELWAY OR 1.5' FROM EDGE OF RAISED OR CONCRETE MEDIAN ISLAND.
- 3. THE LEFT SHOULDER FROM DEPOT ST. INTERSECTION TO STA. 410+75 SHALL BE 2% AND TRANSITION TO 4% AT STA. 411+25.

NOT TO SCALE

STATE OF MAINE DEPARTMENT OF TRANSPORTATION				CTD_4725/2001X	V(003)C3 1-110		PIN 17252.00 HIGHWAY PLANS			
		06\10 SIGNATURE		P.E. NUMBER			DATE			
DATE	06\10	01/90	ı	ı	1	1	1	•		
PROJ. MANAGER JIM MANSIR BY	DESIGN-DETAILED RBM LEM	CHECKED-REVIEWED DGE -	DESIGN2-DETAILED2 -	DESIGN3-DETAILED3 -	REVISIONS 1 -	REVISIONS 2 -	REVISIONS 3 -	REVISIONS 4 -	FIELD CHANGES -	
WALDOBORO US ROUTE 1 TYPICAL SECTIONS										
SHEET NUMBER										
OF 9										

