



FORM LINER NOTES:

INTRODUCTION

1. A PRECONSTRUCTION MOCK-UP SHALL BE PROVIDED FOR APPROVAL BY THE ENGINEER. IT MUST DUPLICATE THE MATERIALS, METHODS, WORKMANSHIP, PLACEMENT RATES, AND FORM PRESSURES THAT WILL ACTUALLY BE USED ON THE JOB.
2. FORM LINERS SHALL CONFORM WITH SECTION 508 OF THE ODOT C.M.S. AND BE APPROVED BY THE DIRECTOR PRIOR TO USE.
3. THE FORMLINERS MAY BE OBTAINED FROM ONE OF THE FOLLOWING SUPPLIERS:

FITZGERALD FORMLINERS
3141 EAST PAMONA STREET
SANTA ANA, CALIFORNIA 92705
(714) 547-6710

GREENSTREAK
3400 TREE COURT
INDUSTRIAL BOULEVARD
ST. LOUIS, MISSOURI 63122
(800) 325-9504

SYMONS CORPORATION
200 E. TOUHY AVENUE
DES PLAINES, ILLNOIS 60018
(847) 298-3200

(OR APPROVED EQUAL)

TRIMMING

1. WHERE THE LINER BUTTS AGAINST A CHAMFER OR REVEAL STRIP, THE END OF THE LINER SHALL BE CUT ON THE SAME ANGLE FOR A PROPER FIT.

MOUNTING

1. VERTICAL JOINTS SHALL BE ON THE SAME LINE AND HORIZONTAL JOINTS SHALL BE AT THE SAME ELEVATION.
2. FASTENERS SHALL BE OF THE TYPE AND AT LOCATIONS RECOMMENDED BY THE MANUFACTURER.
3. FORM LINERS SHALL BE SUPPORTED AS NECESSARY TO PREVENT DEFORMATION AS DETERMINED BY THE PRECONSTRUCTION MOCK-UP.

SEALING

1. ALL FORM LINER SEAMS AND TIE HOLES SHALL BE SEALED TO PREVENT LOCALIZED WATER LOSS AND DISCOLORATION OF THE CONCRETE. SEALERS SHALL BE AS RECOMMENDED BY THE MANUFACTURER.

FORM TIES

1. TIE SPACING SHALL BE A MULTIPLE DIMENSION OF THE FORM LINER PATTERN REPEAT.

FORM RELEASE AGENTS AND BOND BREAKERS

1. FORM LINERS SHALL BE OILED IN ACCORDANCE WITH SECTION 508 OF THE ODOT C.M.S. OR WITH MANUFACTURERS RECOMMENDATIONS.

CONCRETE PLACEMENT

1. AN ELEPHANT TRUNK OR TREMI SHALL BE USED FOR PLACING THE CONCRETE TO MINIMIZE AGGREGATE SEGREGATION AND TRAPPED AIR.
2. THE CONCRETE SHALL BE PROPERLY VIBRATED USING INTERNAL VIBRATORS TO ELIMINATE LIFT LINES AND TO MINIMIZE AIR VOIDS. CARE SHALL BE TAKEN NOT TO DAMAGE THE FORM LINERS WITH VIBRATING OPERATIONS.

STRIPPING AND CLEANUP

1. THE FORM WORK SHOULD BE STRIPPED IN ACCORDANCE WITH SECTION 511 OF THE C.M.S.

FINAL FINISHING

1. FINISH THE CONCRETE SURFACE IN ACCORDANCE WITH SECTION 511 OF THE C.M.S.

PAYMENT

1. THE COST OF ALL LABOR, EQUIPMENT, MATERIALS AND INCIDENTALS NECESSARY TO ACCOMPLISH THIS AESTHETIC TREATMENT SHALL BE INCLUDED IN THE SQUARE FOOT UNIT PRICE BID FOR ITEM SPECIAL 530-FORM LINER.

NOTES:

1. THE AESTHETIC TREATMENT SHALL BE PLACED ON THE UPPER PORTION OF THE OUTSIDE FACE OF THE BRIDGE RAILING DEFLECTOR PARAPET. IT SHALL EXTEND ALONG THE FULL LENGTH OF THE BRIDGE AND TO 4'-0" FROM THE END OF THE PARAPETS ON THE WINGWALLS.
2. REFER TO SHEET 32/41 FOR CONCRETE SEALING COLOR TINTING NOTE.
3. NOTATION: TYP.-TYPICAL; MIN.-MINIMUM; CLR.-CLEAR.

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