PARAPET REPAIR DETAIL

SAW CUT (TYP.)
CONCRETE SURFACE REPAIR

▲ "PIGMENTED SURFACE SEALER RESEAL" LIMITS
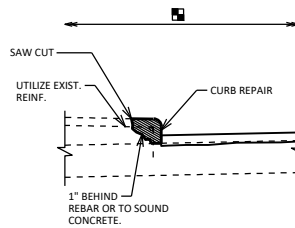■ "PROTECTIVE SURFACE TREATMENT RESEAL" LIMITS

502.3215	PROTECTIVE SURFACE TREATMENT RESEAL	SY
502.3205	PIGMENTED SURFACE SEALER RESEAL	SY
509.1500	CONCRETE SURFACE REPAIR	SF

NOTES

PROTECTIVE SURFACE TREATMENT RESEAL SHALL BE APPLIED TO THE (INSERT LOCATIONS). SURFACE PREPARATION IS INCLUDED IN THE BID ITEM "PROTECTIVE SURFACE TREATMENT RESEAL"

PIGMENTED SURFACE SEALER RESEAL SHALL BE APPLIED TO THE (INSERT LOCATIONS). SURFACE PREPARATION IS INCLUDED IN THE BID ITEM "PIGMENTED SURFACE SEALER RESEAL"
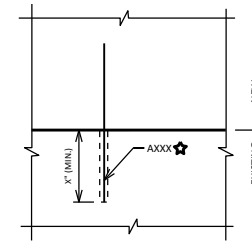
CURB REPAIR DETAIL

SAW CUT
UTILIZE EXIST. REINF.
CURB REPAIR
1" BEHIND REBAR OR TO SOUND CONCRETE.

| 502.3215 | PROTECTIVE SURFACE TREATMENT RESEAL | SY |
| 509.1200 | CURB REPAIR | LF |

DESIGNER NOTES

DETAILS MAY BE SHOWN ON PLANS IF NECESSARY FOR CLARITY.

INCLUDE APPLICABLE CONCRETE MASONRY BID ITEM TO FILL REPAIRS.

REFER TO STANDARD 17.02 FOR TYPICAL SEALING LOCATIONS.

THE "RESEAL" QUANTITY SHOULD INCLUDE THE REPAIRED CONCRETE SURFACES. FOR EXAMPLE, "PIGMENTED SURFACE SEALER RESEAL" SHOULD BE APPLIED TO THE EXISTING AND REPAIRED PARAPET SURFACES, AS SHOWN.

ANCHOR DETAIL (EXAMPLE)

X" (MIN.)
NEW
EXISTING
AXXX ✪

NOTE

ADHESIVE ANCHORS SHALL CONFORM TO SECTION 502.2.12 OF THE STANDARD SPECIFICATIONS. (PROVIDE NOTE WHEN THE ADHESIVE ANCHOR BID ITEM IS NOT USED, BUT ARE ALLOWED AS AN ALTERNATIVE ANCHORAGE)
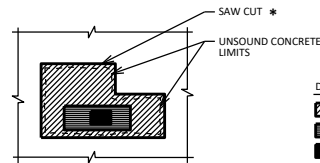
✪ (CHOOSE ONE OF THE FOLLOWING AND PLACE ON PLAN)

ADHESIVE ANCHORS X/X-INCH. EMBED X" IN CONCRETE.

ADHESIVE ANCHORS NO. X BAR. EMBED X" IN CONCRETE.

ADHESIVE ANCHORS X/X-INCH. EMBED XX" IN CONCRETE. ANCHORS SHALL BE APPROVED FOR USE IN CRACKED CONCRETE.

ADHESIVE ANCHORS NO. X BAR. EMBED XX" IN CONCRETE. ANCHORS SHALL BE APPROVED FOR USE IN CRACKED CONCRETE.
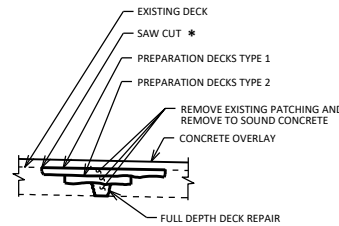
502.41___	ADHESIVE ANCHORS ___-INCH	EACH
502.42___	ADHESIVE ANCHORS NO. __BAR	EACH
505.0605	BAR STEEL REINFORCEMENT HS COATED STRUCTURES	LB

DESIGNER NOTES

THE DESIGN ENGINEER SHALL PROVIDE ANCHOR DETAILS AS NEEDED. PLANS SHALL INCLUDE ANCHOR "NOTES" WHEN ADHESIVE ANCHORS ARE USED.

ANCHOR DETAIL EXAMPLE APPLICABLE FOR ADHESIVE ANCHORS LOCATED IN UNCRACKED CONCRETE. SEE CHAPTER 40.16 FOR ADDITIONAL GUIDANCE.

DECK REPAIR DETAIL - PLAN
FOR DESIGNER INFORMATION ONLY
(DO NOT PLACE ON PLANS)

SAW CUT ✱
UNSOUND CONCRETE LIMITS

DECK REPAIR LEGEND:
▨ PREPARATION DECKS TYPE 1
▤ PREPARATION DECKS TYPE 2
■ FULL-DEPTH DECK

	509.0301	PREPARATION DECKS TYPE 1	SY
	509.0302	PREPARATION DECKS TYPE 2	SY
✱	509.0310.S	SAWING PAVEMENT DECK PREPARATION AREAS	LF
	509.2000	FULL-DEPTH DECK REPAIR	SY
▲	509.2500	CONCRETE MASONRY OVERLAY DECKS	CY

DECK REPAIR DETAIL - SECTION
FOR DESIGNER INFORMATION ONLY
(DO NOT PLACE ON PLANS)

EXISTING DECK
SAW CUT ✱
PREPARATION DECKS TYPE 1
PREPARATION DECKS TYPE 2
REMOVE EXISTING PATCHING AND REMOVE TO SOUND CONCRETE
CONCRETE OVERLAY
FULL DEPTH DECK REPAIR

FULL-DEPTH DECK REPAIR DETAIL
FOR DESIGNER INFORMATION ONLY
(DO NOT PLACE ON PLANS)

SAW CUT ✱
EXISTING DECK

✱	509.0310.S	SAWING PAVEMENT DECK PREPARATION AREAS	LF
	509.2000	FULL-DEPTH DECK REPAIR	SY
▲	509.2500	CONCRETE MASONRY OVERLAY DECKS	CY

DESIGNER NOTES

DETAILS APPLICABLE TO ALL OVERLAY METHODS AND DECK REPAIRS WITHOUT OVERLAYS.

✱ "SAWING PAVEMENT DECK PREPARATION AREAS" NOT REQUIRED FOR CONCRETE OVERLAYS.

▲ USE "CONCRETE MASONRY DECK REPAIR" (509.2100.S) FOR DECK REPAIRS UNDER POLYMER, ASPHALTIC, OR POLYMER MOD. ASPHALTIC OVERLAYS. USE "CONCRETE MASONRY DECK REPAIR" FOR DECK REPAIRS WITHOUT OVERLAYS.

RESTRICTIONS ON REMOVAL ITEMS SHALL BE PLACED ON THE PLANS TO PREVENT DAMAGE TO REINFORCING STEEL.

CONCRETE REPAIR DETAILS

BUREAU OF STRUCTURES

APPROVED: *Laura Shadewald*

DATE: 7-23