DEMOLITION / REMOVAL PLAN
N.T.S.

- COVER AND PROTECT EXISTING ENTRY DOORS, STOREFRONT GLASS AND BUILDING FACADE FOR THE DURATION OF THE PROJECT.
- MAINTAIN AND PROTECT EXISTING CONCRETE BAND
- DEMO EXISTING TRENCH DRAIN
- EXISTING MULCH AREA
- DEMO CONCRETE BAND TOPPING SLAB (TYPICAL UNLESS OTHERWISE NOTED)
- DEMO STAMPED CONCRETE TOPPING SLAB (TYPICAL UNLESS OTHERWISE NOTED)
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- MAINTAIN 4 DRAIN SLAB AT ENTRY AREA
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161 CROSS STREET - FREEMAN ATHLETIC CENTER

PEDESTRIAN BRIDGE SURFACE REPLACEMENT

10-18-2016

NEW STAMPED ASPHALT - 12" SQUARE TILE PATTERN.

TOP OF NEW ASPHALT PAVING BAND SHALL MATCH TOP OF EXISTING STAMPED CONCRETE.

COLOR SHALL MATCH ADJACENT CONCRETE COLOR.

+3.5" ALONG CENTERLINE (VERIFY IN FIELD)

TOP OF NEW ASPHALT PAVING SHALL BE AT 3.5" ABOVE EXISTING CONCRETE PLANK SURFACE (VERIFY IN FIELD).

+2.5" ALONG GUTTERLINE (VERIFY IN FIELD)

RESTORE EXISTING GRASS AREA

EXISTING MULCH AREA

PROTECT EXISTING LIGHT POLE

NEW JAY R. SMITH TRENCH DRAIN - MODEL # ________

NEW 4500 PSI CONCRETE @ NEW ELEVATION TO TRANSITION TO NEW STAMPED ASPHALT SURFACE. MATCH EXISTING CONTROL JOINT LINES.

CLEAN AND PREP EXISTING STAMPED CONCRETE. APPLY NEW COLOR COATING TO MATCH STAMPED ASPHALT COLOR.

APPROXIMATE LOCATION OF FREEMAN ATHLETIC CENTER GRAPHIC LOGO.

RESURFACING PLAN

N.T.S.

BRIDGE - SOUTH ELEVATION (NORTH ELEVATION SIMILAR)

N.T.S.
1. **Concrete Sidewalk Section at Start of Pedestrian Bridge**

   - New Unstained Asphalt Paving System
   - Compacted Gravel Base and Subbase
   - Existing Surfacing

2. **Pedestrian Bridge Section**

   - Existing Surfacing
   - Existing Cast-in-Place Concrete Beam
   - Existing Light Rail Deck
   - Preformed Thermoplastic Longitudinal Trench Drain
   - New Soffit, Antidrip Waterstop System
   - See Detail 3 (Top View)
SK-25-4
161 CROSS STREET - FREEMAN ATHLETIC CENTER
PEDESTRIAN BRIDGE SURFACE

1. COAT ALL EXPOSED PRECAST AND CAST-IN-PLACE CONCRETE WITH THORDOCOAT. SCRAPE, PREP AND PATCH CONCRETE SURFACES PRIOR TO THORDOCOAT COATING - APPLICATION IS LIMITED TO ALL UNDERSIDES BRIDGE SURFACES (TYPICAL).

2. PRECAST PLANK JOINT TREATMENT NOT TO SCALE

3. WATERPROOFING SECTION NOT TO SCALE

4. FILL PRECAST JOINT CRACKS IN THE KEYED JOINTS BETWEEN PLANKS WITH CONCRETE GROUT.

5. SOPRALENE FLAM 100 (OVER PRECAST PLANK JOINTS ONLY)

- 10-18-2016
CONCRETE TONING SLAB REMOVAL / PROTECTION
10. CONTRACTOR SHALL REVIEW THE EXISTING CONCRETE PLANKS, ELEVATIONS AND SECTIONS TO OBTAIN A THOROUGH UNDERSTANDING OF HOW THE BRIDGE WAS CONSTRUCTED AND HOW THE EXISTING TOILING SLAB TRANSITIONS FROM THE CONCRETE PLANK TO THE CAST-IN-PLACE STRUCTURAL SLAB (REFERENCE ORIGINAL DESIGN DRAWINGS A3.8 & A5.6 DATED 10/14/2003).

11.1. MAXIMUM WISK CAPACITY OF THE BRIDGE IS 1.5 FS.

11.1. CONTRACTOR EQUIPMENT SHALL NOT EXCEED MAXIMUM LOAD CAPACITY.

11.2. PROVIDE EQUIPMENT WEIGHTS AND CONFIRM WEIGHT IN ADVANCE.

12. PRIOR TO THE START OF WORK, CONTRACTOR SHALL COVER AND PROTECT ALL PLASTIC GLASS GUARDRAILS AND LIGHT BOLTERS RAISING SYSTEM. PROVIDE HEAT SHEETING WHEN PERFORMING THE STAMPED CARPET HEATING PROCESS.

13. CONTRACTOR SHALL COVER AND PROTECT ENTRANCEWAYS, STOREFRONT GLASS AND BUILDING FACADE FOR THE DURATION OF THE PROJECT.

14. CONTRACTOR SHALL PERFORM A TEST PATCH FOR REMOVAL OF THE STAMPED CONCRETE. CONTRACTOR SHALL NOT DAMAGE THE TOP OF PLANK SURFACE.

15. ALL SANDING OR OPERATION SECTIONS SHALL UTILIZE WET CUTTING TO MINIMIZE DUST.

16. CONTRACTOR SHALL MAINTAIN 4 protect the spanned color concrete at the circular entranceway as shown. CONTRACTOR SHALL REMOVE THE CIRCULAR CONCRETE EDGE BAND AS SHOWN.

17. CONTRACTOR SHALL REMOVE THE EXISTING CONCRETE BANDS AND STAMPED COLOR CONCRETE TOPPING SLAB. REMOVAL SHALL BE TO THE TOP OF THE EXISTING PRECAST CONCRETE PLANK AND CAST-IN-PLACE CONCRETE STRUCTURAL SLAB.

18. DUE TO THE POTENTIAL OF COMPROMISING THE INTEGRITY OF THE 8TH STRUCTURAL CONCRETE PLANK AND CAST-IN-PLACE STRUCTURAL SLAB, ALL DEMOLITION ACTIVITIES SHALL BE LIMITED TO A 1:5 SUB JAC. HAMMER. CONTRACTOR SHALL BE EXTREMELY CAREFUL NOT TO DAMAGE OR PENETRATE THE STRUCTURAL CONCRETE SURFACES.

19. CONTRACTOR SHALL INSPECT AND MONITOR PEDESTRIAN BRIDGE STRUCTURE FOR SPIDER CRACKING DAILY, FOR THE DURATION OF THE PROJECT.

20. PROVIDE LEVELING MATERIAL TO ACCEPT WATERPROOFING.

21. APPLY SIKKA PERTOGRADO-90B PRIOR TO APPLICATION OF Primer. FOLLOW MANUFACTURERS SPECIFICATIONS.

CONCRETE SIDEWALK / TRENCH DRAIN INSTALLATION
17. REMOVE TWO CONCRETE SIDEWALK PANEL SECTIONS AS SHOWN ON THE PLAN. MAINTAIN SUBBASE MATERIAL AND BURNELL ALONG EXISTING JOINT LINE.

18. DEMO EXISTING TRENCH DRAIN TO EXISTING DRAIN LINE IN RIP RAP AREA.

19. INSTALL NEW JAY R. SMITH DRAIN MODEL # 17. RAISE ELEVATION OF TRENCH DRAIN AND REGRADE ADJACENT AREA TO PROVIDE A GENTLE SLOPE VS. THE STEEP GRADE THAT CURRENTLY EXISTS.

20. MAINTAIN EXISTING GRAVEL SUBGRADE, SUPPLEMENT AS REQUIRED TO RAISE EXISTING GRADE.

21. MAINTAIN CONCRETE SLAB AT TRENCH DRAIN AND BRIDGE TRANSITION AREA.

22. TE IN NEW TRENCH DRAIN INTO EXISTING PIPE IN RIP RAP AREA. PROVIDE REQUIRED PIPE TRANSITION. REMOVE AND REPLACE EXISTING RIP RAP TO COMPLETE THE WORK.

23. CONCRETE REINFORCEMENT SHALL BE 4" WIDE G. 8" IN Width. IN TOP 1/3 OF SLAB DEPTH. WELDED WIRE MESH SHALL BE SUPPORTED BY CHARS NOT BRICKS. WELDED WIRE MESH SHALL NOT BE PLACED ON COMPACTED GRAVEL AND PULLED UP DURING CONCRETE PAVING.

24. INSTALL NEW 6" THICK, 4500 FS CONCRETE AS SHOWN ON THE PLAN. MATCH EXISTING CONTROL JOINT LAYOUT.

25. PROVIDE A BROOM FINISH IN A DIRECTION AND TEXTURE TO MATCH EXISTING SIDEWALK.

26. PERFORM CURING BY MOIST CURING, EITHER BY KEEPING THE CONCRETE SURFACE CONTINUOUSLY WET BY COVERING WITH WATER OR PROVIDING A CONTINUOUS WATER-FOG SPRAY.

27. SURFACES SHALL BE KEPT CONTINUOUSLY WET FOR NOT LESS THAN 72 HOURS AFTER FINISHING.

28. APPLY SIKKA PERTOGRADO-90B PRIOR TO APPLICATION OF Primer. FOLLOW MANUFACTURERS SPECIFICATIONS.

29. INSTALL NEW JAY R. SMITH DRAIN MODEL # 17. RAISE ELEVATION OF TRENCH DRAIN AND REGRADE ADJACENT AREA TO PROVIDE A GENTLE SLOPE VS. THE STEEP GRADE THAT CURRENTLY EXISTS.

30. RETURN TO SITE TO APPLY A COMPATIBLE SEALER OVER THE CONCRETE 24-DAYS AFTER CONCRETE PLACEMENT. CONCRETE SEALER SHALL BE ELCU CUPPER DIAMOND CLEAR VOI VOC-COMPLIANT CONCRETE CURING AND SEALING COMPOUND BY THE ELCU CHEMICAL COMPANY.

31. PROVIDE LANDSCAPING SERVICES TO INCLUDE BUT NOT LIMITED TO GRADING, RIP-RAP REPLACEMENT, TOPSOIL, SEEDING, PROTECTING AND MAINTAINING ALL AREAS IMPACTED FROM CONSTRUCTION ACTIVITIES.

32. PROVIDE AND APPLY ALL SEEDING AREAS FOR A MINIMUM OF 2-WEEKS.

33. PROVIDE LANDSCAPING SERVICES TO INCLUDE BUT NOT LIMITED TO GRADING, RIP-RAP REPLACEMENT, TOPSOIL, SEEDING, PROTECTING AND MAINTAINING ALL AREAS IMPACTED FROM CONSTRUCTION ACTIVITIES.

34. PROVIDE LANDSCAPING SERVICES TO INCLUDE BUT NOT LIMITED TO GRADING, RIP-RAP REPLACEMENT, TOPSOIL, SEEDING, PROTECTING AND MAINTAINING ALL AREAS IMPACTED FROM CONSTRUCTION ACTIVITIES.