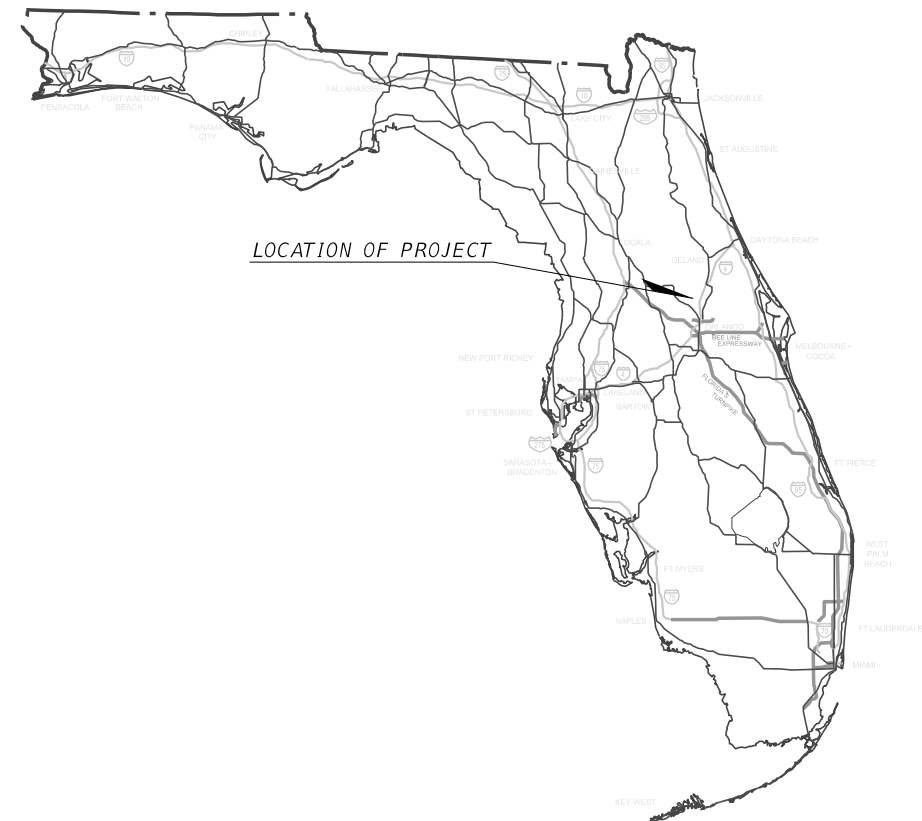


CENTRAL FLORIDA
EXPRESSWAY AUTHORITY

CONTRACT PLANS

SR 429 (WEKIVA PARKWAY)
EAST OF SR 429 / SR 46 SYSTEMS
INTERCHANGE TO EAST OF MOUNT
PLYMOUTH ROAD (CR 435)
ORANGE COUNTY (75)
CONTRACT NO. 429-205
CFX PROJECT NO. 429-205

AESTHETICS PLANS



INDEX OF AESTHETICS PLANS

<u>SHEET NO.</u>	<u>DESCRIPTION</u>
AP-00	INDEX SHEET
AP-01 - AP-02	AESTHETICS GENERAL NOTES AND INFORMATION
AP-03	AESTHETICS FINISHING SCHEMATICS
AP-04	MATERIAL FINISHES SCHEDULE
AP-05	TRAFFIC RAILING AESTHETICS NOTES/SCHEMATICS
AP-06	BRIDGE PIER SCHEMATICS - MULTI-COLUMN PIER
AP-07	MISCELLANEOUS WALL SCHEMATICS

**BID SET
FEBRUARY 2016**

PLANS PREPARED BY:

PARSONS

201 E. PINE STREET, SUITE 900
ORLANDO, FL 32801
PHONE: (407) 702-6800
CERTIFICATE OF AUTHORIZATION NO. 1838
VENDOR NO. 36-098-270

PLANS PREPARED FOR:

CENTRAL FLORIDA EXPRESSWAY AUTHORITY

CHAIRMAN
VICE CHAIRMAN
SECRETARY/TREASURER
CITY OF ORLANDO MAYOR
OSCEOLA COUNTY COMMISSIONER
ORANGE COUNTY MAYOR
BOARD MEMBER
BOARD MEMBER
BOARD MEMBER

WELTON G. CADWELL
S. SCOTT BOYD
BRENDA CAREY
BUDDY DYER
FRED HAWKINS, JR.
TERESA JACOBS
ANDRIA HERR
JAY MADARA
S. MICHAEL SCHEERINGA

NOTE: THE SCALE OF THESE PLANS MAY
HAVE CHANGED DUE TO REPRODUCTION.

KEY SHEET REVISIONS		
DATE	BY	DESCRIPTION

AESTHETICS PLANS
ENGINEER OF RECORD: SAM T. PHAN, P.E.

P.E. NO.: 54072

CFX PROJECT MANAGER: GLENN M. PRESSIMONE, P.E.

FISCAL YEAR	SHEET NO.
2017	AP-00

GENERAL NOTES

1. AESTHETICS PLANS ARE DIAGRAMMATIC AND FOR ILLUSTRATIVE AND DESCRIPTIVE PURPOSES ONLY. REFER TO STRUCTURES AND ROADWAY PLANS FOR PROJECT SPECIFIC DIMENSIONAL REQUIREMENTS AND DETAILS.
2. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL DIMENSIONS AND ADJUSTING LAYOUT OF AESTHETIC COMPONENTS TO CONFORM TO STRUCTURES PLANS AND WALL CONSTRUCTION PLANS DIMENSIONS AND REQUIREMENTS.
3. ALL MANUFACTURERS FINISHES, PATTERNS, AND COLORS ARE AS SHOWN, OR SHALL BE APPROVED BY THE AUTHORITY. REFER TO MATERIALS AND FINISHES SCHEDULE FOR MORE INFORMATION.
4. THE CONTRACTOR SHALL PROVIDE SUBMITTALS AND SAMPLES FOR ALL NECESSARY MATERIALS, COMPONENTS, AND ACCESSORIES, INCLUDING COLOR, FINISH, ETC. FOR REVIEW AND APPROVAL BY THE AUTHORITY.
5. ALL COLORS ARE FEDERAL STANDARD 595B (JULY 1994) COLORS OR SHERWIN WILLIAMS (SW) COLORS, UNLESS OTHERWISE NOTED. REFER TO COLOR SCHEDULE FOR MORE INFORMATION.

MSE WALL PANELS, COPING, AND FORMLINER NOTES

1. ALL WALLS SHALL USE 5' X 5' PANELS ONLY.
2. RADIUS FOR CURVED WALLS SHALL BE AS SHOWN IN PLANS (MIN. 60' RADIUS).
3. CONTRACTORS ARE REQUIRED TO VIEW AUTHORITY APPROVED FORMLINER MOCK-UP PANEL PRIOR TO BIDDING. ALL CONSTRUCTED FEATURES SHALL MATCH AUTHORITY APPROVED MOCK-UP PANEL. FOR ACCESS TO THE AUTHORITY APPROVED FORMLINER MOCK-UP PANEL, CONTACT:
RALPH DELEON
SEMINOLE PRECAST MANUFACTURING, INC.
PHONE: (386) 668-7745
4. AFTER PROJECT AWARD, CONTRACTOR SHALL FABRICATE UP TO SIX (6) SAMPLES (5' X 5') OF APPROPRIATE THICKNESS TO ILLUSTRATE CONFORMANCE WITH QUALITY, FINISH, AND SURFACE TEXTURE OF MOCK-UP SAMPLE. SAMPLE(S) SHALL BE REVIEWED AND APPROVED BY THE AUTHORITY PRIOR TO CONSTRUCTION.
5. MOCK-UP SAMPLES SHALL BE DELIVERED TO PROJECT SITE AT CEI CONSTRUCTION TRAILER OR AS DIRECTED BY CEI.
6. ONCE AUTHORITY APPROVAL IS OBTAINED, THE CONTRACTOR SHALL REMOVE AND DISPOSE OF SAMPLE(S) AT NO COST TO THE AUTHORITY.
7. ALL FORMLINED CONCRETE SHALL BE COLORED BY SPECIAL STAINING PROCESS. REFER TO SPECIAL PROVISIONS AND COLOR STAIN SYSTEM APPLICATION NOTES FOR MORE INFORMATION.
8. REFER TO FORMLINER TEXTURE COLOR SCHEDULE FOR SELECTED COLOR SCHEME.
9. REFER TO SPECIAL PROVISIONS FOR MORE INFORMATION REGARDING REQUIREMENTS, SUBMITTALS, MATERIALS, SEQUENCING, CARE AND PLACEMENT OF ELASTOMERIC FORMLINERS.
10. ALL MATERIALS, LABOR, EQUIPMENT AND INCIDENTALS TO FURNISH AND INSTALL THE FORMLINED CONCRETE SHALL BE INCIDENTAL TO THE MSE WALL PAY ITEM.
11. ALL MATERIALS, LABOR, EQUIPMENT AND INCIDENTALS TO FURNISH AND INSTALL THE FORMLINED CONCRETE COLOR STAIN COATING SHALL BE INCIDENTAL TO THE ELEMENT BEING COATED.



FORMLINER MOCK-UP PANEL

CAULKING AND SEALING NOTES

1. ALL CAULKS AND SEALANTS SHALL MATCH THE COLOR OF THE SURROUNDING MATERIAL AS CLOSELY AS POSSIBLE, AS DETERMINED BY THE AUTHORITY.
2. REFER TO THE SPECIAL PROVISIONS FOR MORE INFORMATION REGARDING REQUIREMENTS, SUBMITTALS, MATERIALS, SEQUENCING, AND APPLICATION OF CAULKS AND SEALANTS.
3. ALL MATERIALS, LABOR, EQUIPMENT AND INCIDENTALS TO FURNISH AND CAULK OR SEAL THE ELEMENT BEING CAULKED OR SEALED SHALL BE INCIDENTAL TO THE ELEMENT BEING CAULKED OR SEALED.

COLOR STAIN SYSTEM APPLICATION NOTES

1. NO COLOR STAINING SHALL BE APPLIED TO A SIMULATED STONE SURFACE/FORMLINED CONCRETE UNTIL THIRTY (30) DAYS AFTER PRECASTING.
2. CLEAN SURFACE PRIOR TO APPLICATION OF STAIN MATERIALS TO ASSURE THAT SURFACE IS FREE OF LATENCY, DIRT, DUST, GREASE, EFFLORESCENCE, PAINT, OR OTHER FOREIGN MATERIAL. FOLLOW MANUFACTURER'S INSTRUCTIONS FOR SURFACE PREPARATION. DO NOT SANDBLAST.
3. REFER TO SPECIAL PROVISIONS FOR MORE INFORMATION REGARDING REQUIREMENTS, SUBMITTALS, MATERIALS, SEQUENCING, AND OTHER CONCRETE STAINING REQUIREMENTS.
4. ALL MATERIALS, LABOR, EQUIPMENT AND INCIDENTALS TO PREPARE, CLEAN AND COAT THE WALL USING THE SHERWIN WILLIAMS/H+C COLOR STAIN COATING SYSTEM SHALL BE INCIDENTAL TO THE ELEMENT BEING COATED.

SIMULATED STONE FORMLINER NOTES

1. REFER TO SHEET AP-04 FOR MANUFACTURER CONTACT INFORMATION.
2. REFER TO THE SPECIAL PROVISIONS FOR MORE INFORMATION REGARDING REQUIREMENTS, SUBMITTALS, MATERIALS, SEQUENCING, AND CONSTRUCTION OF SIMULATED STONE FORMLINERS.
3. SPECIFIED FORMLINERS SHALL BE INCIDENTAL TO THE ELEMENT REQUIRING THE FORMLINER.

BEAM GRATING NOTES

1. ALL BEAM GRATING SHALL RECEIVE TREATMENT AS SHOWN IN THE PLANS. COMPONENT FABRICATOR SHALL SUBMIT SAMPLES FOR AUTHORITY APPROVAL PRIOR TO FABRICATION.
2. GRATING GRIDS SHALL NOT PASS A 2" SPHERE AND A 1" MAXIMUM GAP SHALL BE MAINTAINED BETWEEN THE GRATING AND THE BRIDGE STRUCTURE. GRATING SHALL BE SECURELY FASTENED AND BRACED AS NECESSARY IN ORDER TO RESIST WIND LOAD, BUT SHALL ALSO BE REMOVABLE FOR ROUTINE MAINTENANCE INSPECTIONS.
3. THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS OF FINAL DESIGN OF BEAM GRATING FOR REVIEW BY THE ENGINEER OF RECORD PRIOR TO CONSTRUCTION. THE SHOP DRAWINGS SHALL INCLUDE DETAILED DESIGN CALCULATIONS AND ALL DETAILS AND DIMENSIONS NECESSARY FOR CONSTRUCTION. CALCULATIONS AND DRAWINGS SHALL BE SIGNED AND SEALED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF FLORIDA.
4. ALL MATERIALS, LABOR, EQUIPMENT AND INCIDENTALS TO DESIGN, DETAIL, FURNISH, AND INSTALL THE BEAM GRATING SHALL BE INCIDENTAL TO THE BEAM.

MISCELLANOUS ELEMENTS AND SIGNS NOTES

1. ALL ITS/LIGHTING CABINETS, LIGHT POLES, AND FIXTURES SHALL RECEIVE TREATMENT AS SHOWN IN THE PLANS. EACH COMPONENT FABRICATOR SHALL SUBMIT SAMPLES FOR AUTHORITY APPROVAL PRIOR TO FABRICATION.
2. PROPOSED SINGLE, MULTI-POST, AND OVERHEAD SIGN ASSEMBLIES SHALL RECEIVE TREATMENT AS SHOWN IN THE PLANS. THIS INCLUDES ALL PROPOSED POSTS, TRUSSES, ATTACHMENT HARDWARE, AND BACK OF SIGN PANELS. THE BACK OF PANEL STICKER CONTAINING THE OWNER AND FABRICATION INFORMATION SHALL BE APPLIED AFTER FINISHING PROCESS IS COMPLETED. EACH COMPONENT FABRICATOR SHALL SUBMIT SAMPLES FOR APPROVAL BY THE AUTHORITY PRIOR TO FABRICATION.
3. ALL MATERIALS, LABOR, EQUIPMENT AND INCIDENTALS TO PROVIDE SPECIFIED FINISH TREATMENT SHALL BE INCIDENTAL TO THE ELEMENT BEING COATED.

GENERAL COATING AND STAINING NOTES

1. CONCRETE FINISH SHALL BE IN ACCORDANCE WITH THE SPECIFICATIONS AND SPECIAL PROVISIONS, UNLESS OTHERWISE NOTED.
2. ALL EXPOSED SURFACES SHALL RECEIVE TREATMENT AS SHOWN IN THE PLANS. SURFACES SHALL BE CLEANED IN ACCORDANCE WITH THE SPECIFICATIONS PRIOR TO RECEIVING TREATMENT. CLEANING AND COATING SURFACES SHALL BE INCIDENTAL TO THE ELEMENT BEING COATED.
3. ALL SIMULATED STONE SURFACES/FORMLINED CONCRETE (MSE PANELS, CAST IN PLACE PIERS) SHALL BE COLORED BY A SPECIAL STAINING PROCESS. REFER TO SPECIAL PROVISIONS AND STAINING NOTES FOR REQUIREMENTS RELATED TO STAINING.
4. STAIN SHALL BE SHERWIN WILLIAMS/H+C AS DISTRIBUTED BY SHERWIN WILLIAMS.
5. CONTRACTOR SHALL SCHEDULE A PRE-COATING MEETING WITH THE AUTHORITY TWO WEEKS PRIOR TO COATING. CONTRACTOR SHALL PREPARE AN EXHIBIT TO SHOW THEIR PLAN FOR PAINTING/STAINING THE VARIOUS COMPONENTS WITH COLORS, FINISHES, AND MATERIALS CLEARLY DEFINED.
6. ALL MATERIALS, LABOR, EQUIPMENT AND INCIDENTALS TO PREPARE, CLEAN AND COAT USING THE SHERWIN WILLIAMS TEXTURE COATING SYSTEM AND SPECIAL COLOR STAIN PROCESS SHALL BE INCIDENTAL TO THE ELEMENT BEING COATED.

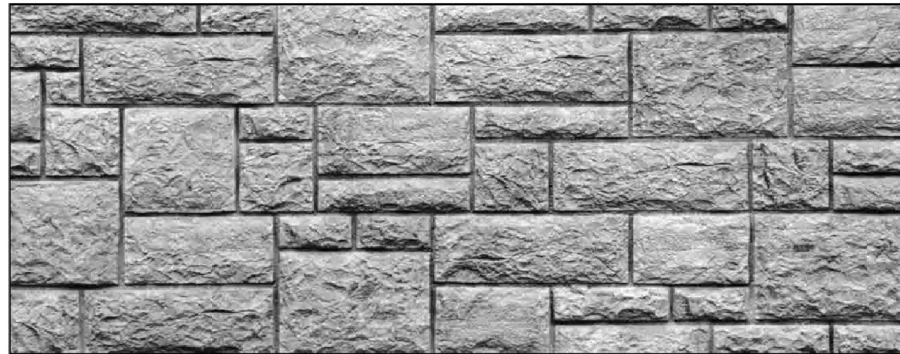
REVISIONS						PARSONS 201 E. PINE ST., SUITE 900 ORLANDO, FL 32801 PHONE: (407) 702-6800 SAM T. PHAN, P.E. P.E. LICENSE NO. 54072 CERTIFICATE OF AUTHORIZATION NO. 1838	DRAWN BY: CJF 11-15 CHECKED BY: SDM 11-15 DESIGNED BY: CJF 11-15 CHECKED BY: SDM 11-15	CENTRAL FLORIDA EXPRESSWAY AUTHORITY		SHEET TITLE: AESTHETICS GENERAL NOTES AND INFORMATION	REF. DWG. NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION			ROAD NO.	PROJECT NO.		
							SR 429	429-205	S.R. 429 (WEKIVA PARKWAY)		AP-01

customrock

FORMLINER

Pattern #1501-R2 Large Sandstone Ashlar

Elastomeric/Urethane Formliner



Specifications:

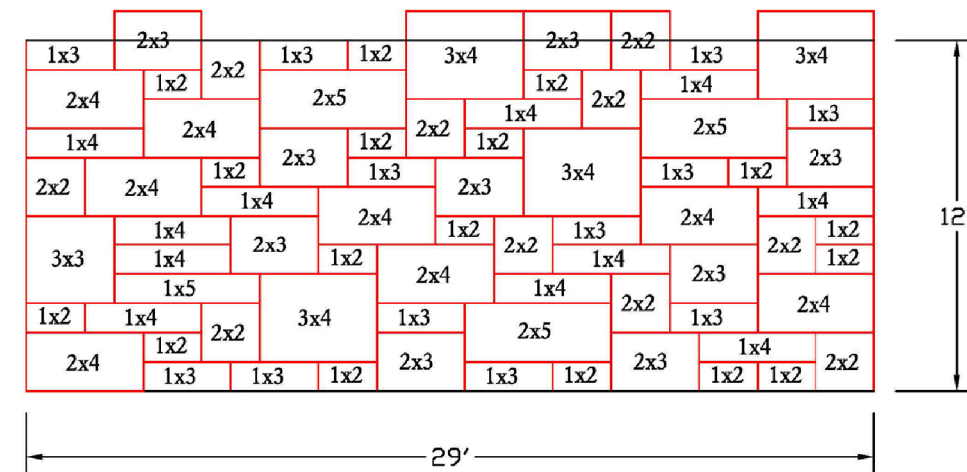
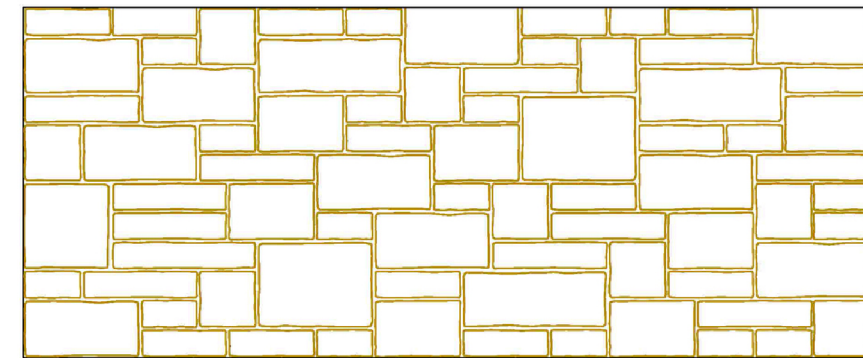
Maximum relief	2"
Average relief	1 5/8"
Liner thickness	3"
<small>Includes internal plywood backing</small>	
Stone size	12" - 60"

Stone sizes approximate

customrock

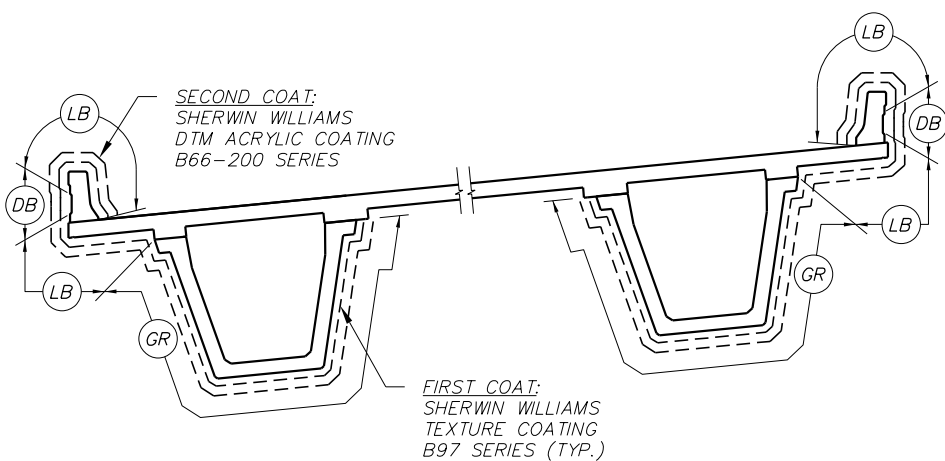
FORMLINER

Pattern #1501-R2 Large Sandstone Ashlar

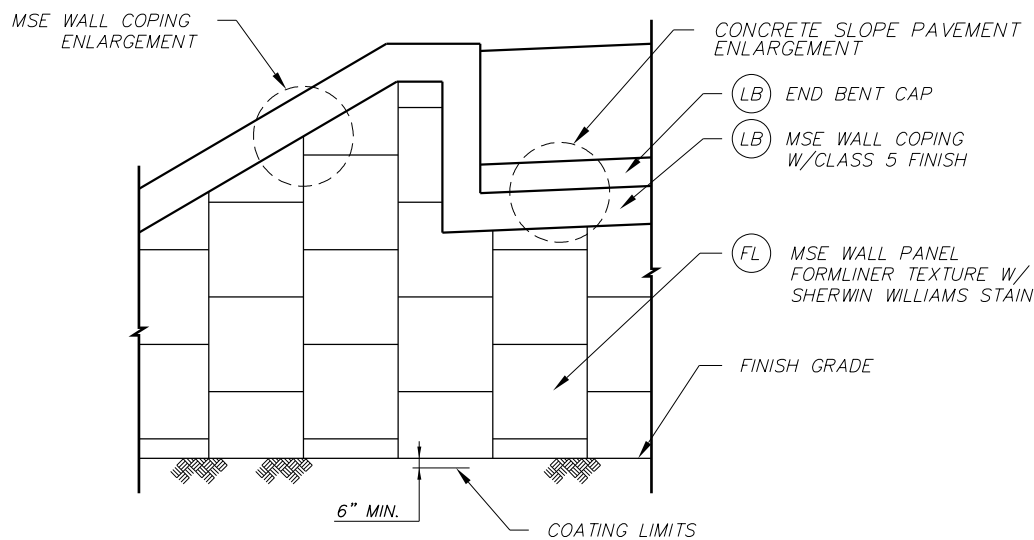


Sample Layout

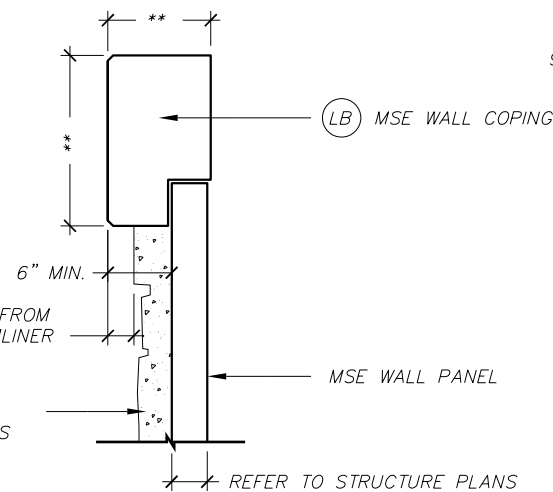
REVISIONS					PARSONS 201 E. PINE ST., SUITE 900 ORLANDO, FL 32801 PHONE: (407) 702-6800 SAM T. PHAN, P.E. P.E. LICENSE NO. 54072 CERTIFICATE OF AUTHORIZATION NO. 1838	DRAWN BY: CJF 11-15 CHECKED BY: SDM 11-15 DESIGNED BY: CJF 11-15 CHECKED BY: SDM 11-15	CENTRAL FLORIDA EXPRESSWAY AUTHORITY		SHEET TITLE: AESTHETICS GENERAL NOTES AND INFORMATION	REF. DWG. NO.
DATE	BY	DESCRIPTION	DATE	BY			DESCRIPTION	ROAD NO.		
							SR 429	429-205	S.R. 429 (WEKIVA PARKWAY)	AP-02



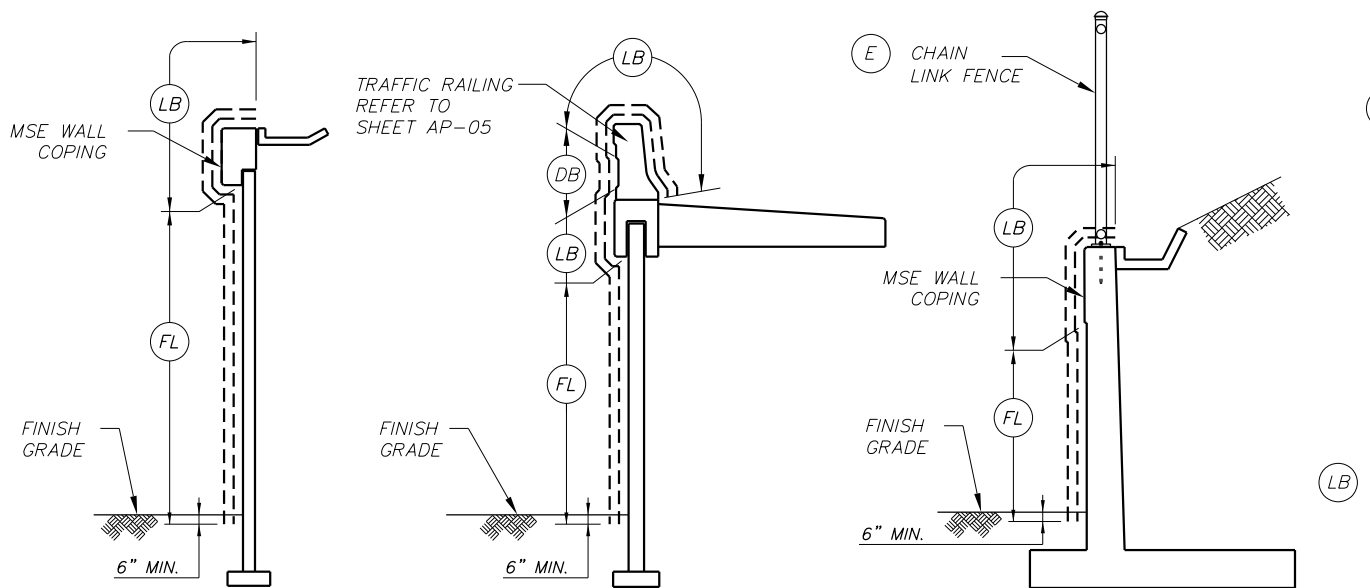
SURFACE FINISH SCHEMATICS - U-BEAM & HAUNCHED U-BEAM BRIDGE



END BENTS & MSE WALLS



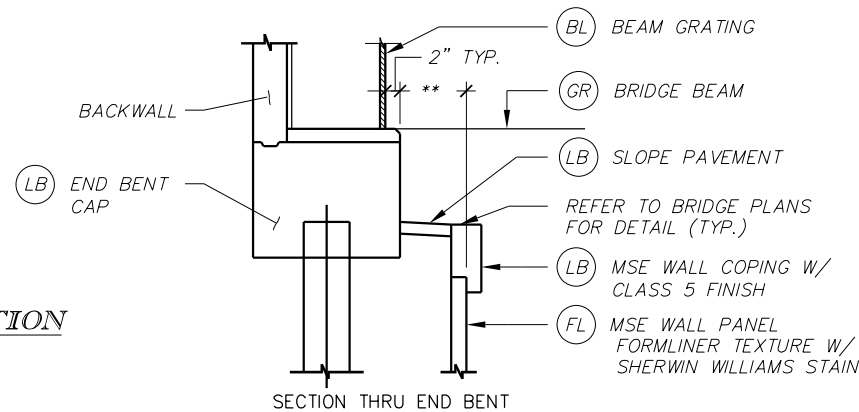
MSE WALL COPING ENLARGEMENT
NOTE: ** REFER TO BRIDGE/STRUCTURE PLANS FOR SPECIFIC DIMENSIONS.



MSE WALL & COPING SECTION AT BRIDGE

MSE WALL SECTION WITH CRASH BARRIER

CANTILEVER WALL SECTION



CONCRETE SLOPE PAVEMENT ENLARGEMENT
** REFER TO BRIDGE/STRUCTURE PLANS FOR SPECIFIC DIMENSIONS.

COATING NOTES

- SURFACES SHALL BE CLEANED IN ACCORDANCE WITH SPECIFICATIONS PRIOR TO TREATMENT.
- AFTER SURFACE PREPARATION OF AND BEFORE COATING APPLICATION TO CONCRETE SURFACES, TEST FOR PRESENCE OF CAPILLARY MOISTURE USING ASTM D 4263 OR OTHER METHOD APPROVED BY THE AUTHORITY.
- ALL EXPOSED SURFACES SHALL RECEIVE TREATMENT AS SHOWN IN THE PLANS.
- THE CLASS V COATING SHALL BE SHERWIN WILLIAMS TEXTURE COATING B97 SERIES AND SHALL BE APPLIED IN ACCORDANCE WITH SPECIFICATION SECTION 400-15.2.6 TO THE PORTIONS OF THE ELEMENTS SHOWN HEREIN.
- ALL CLASS V SURFACES SHALL RECEIVE TWO (2) MATCHING PIGMENTED LAYERS OF SHERWIN WILLIAMS COATING. THE TWO PIGMENTED COATING LAYERS SHALL CONSIST OF THE FOLLOWING:
 - FIRST PIGMENTED COATING - SHERWIN WILLIAMS B97 SERIES CLASS V COATING
 - SECOND MATCHING PIGMENTED COATING - SHERWIN WILLIAMS DTM ACRYLIC B66-200 SERIES
- THE APPLIED COATING THICKNESS AND CURE TIME SHALL BE AS RECOMMENDED BY THE MANUFACTURER.
- APPLIED FINISH COLOR COATING FOR ALL CONCRETE ELEMENTS SHALL BE IN ACCORDANCE WITH SPECIFICATION SECTION 400-15.2.6 OR AS SPECIFIED HEREIN.
- THE CLASS V FINISH COATING SHALL CONSIST OF A LIGHT SANDBLAST TEXTURE IN ACCORDANCE WITH THE SPECIFICATIONS UNLESS OTHERWISE NOTED.
- ALL MATERIALS, LABOR, EQUIPMENT, AND INCIDENTALS NECESSARY TO PREPARE, CLEAN AND APPLY FINISH COATINGS TO ALL REQUIRED ELEMENTS SHALL BE INCIDENTAL TO THE ELEMENT BEING COATED.

SHERWIN WILLIAMS COATING SCHEDULE
LOCATIONS: CAST-IN-PLACE CONCRETE, ARCHITECTURAL PRECAST PANELS, WALL COPING, SLOPE PAVEMENT, TRAFFIC RAILINGS, BRIDGE BEAMS

KEY	COLOR NAME	ID #
LB	LIGHT BROWN	FEDERAL COLOR #33690
DB	DARK BROWN	FEDERAL COLOR #33446
GR	DARK GREEN	FEDERAL COLOR #34227
BR	DARK BRONZE	FEDERAL COLOR #20062
BL	BLACK	FEDERAL COLOR #27038

FORMLINER TEXTURE COLOR SCHEDULE
LOCATIONS: CAST-IN-PLACE CONCRETE, MSE WALL PANELS

COLOR NAME	ID #
LIGHT BEIGE	FEDERAL COLOR #33510 BASE COAT ENTIRE SURFACE
ROADSIDE	SW-2195 RATIO: 50-60%
STONE CUTTER	SW-2124 RATIO: 10-20%
SPANISH MOSS	SW-2070 RATIO: 100% (WASH COAT)

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DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION			ROAD NO.	PROJECT NO.		
							SR 429	429-205	S.R. 429 (WEKIVA PARKWAY)		SHEET NO. AP-03

MATERIAL FINISHES SCHEDULE

KEY	DESCRIPTION	MANUFACTURER	PATTERN/FINISH	COLOR	SPECIFICATIONS
(A1) (A2)	CAST-IN-PLACE CONCRETE	ON-SITE CONTRACTOR	SHERWIN WILLIAMS COATING	A1: LIGHT BROWN (FEDERAL ID #33690) A2: DARK BROWN (FEDERAL ID #33446)	REFER TO SHEET AP-01
(B)	CAST-IN-PLACE FORMLINER	CUSTOMROCK	CUSTOMROCK #1501-R2 2" MAX. RELIEF	REFER TO FORMLINER COLOR SCHEDULE	REFER TO SHEETS AP-01 AND AP-02
(C)	MECHANICALLY STABILIZED EARTH (MSE) WALL PANEL	TBD	CUSTOMROCK #1501-R2 2" MAX. RELIEF	REFER TO FORMLINER COLOR SCHEDULE	REFER TO SHEETS AP-01 AND AP-02
(D)	MECHANICALLY STABILIZED EARTH (MSE) COPING	TBD	SHERWIN WILLIAMS COATING	LIGHT BROWN FEDERAL ID #33690	REFER TO SHEET AP-01
(E)	CHAIN LINK FENCE	TBD	VINYL COATED	BLACK	PER FDOT STANDARDS REFER TO ROADWAY/STRUCTURE PLANS FOR LOCATIONS
(F)	BRIDGE BEAM	N/A	REFER TO STRUCTURES PLANS	DARK GREEN FEDERAL ID #34227	
(G)	BEAM GRATING	CHERRY HILL FABRICATION, INC. OR AUTHORITY APPROVED EQUAL	SEMI-GLOSS THERMOSET POWER COAT	BLACK FEDERAL ID #27038	ALUMINUM MESH MINIMUM 2" X 2" SQUARE OPENING, 1/2" DEPTH
(H)	OVERHEAD SIGN/TRUSS	N/A	REFER TO SPECIAL PROVISIONS	GREY FEDERAL ID #26314	REFER TO SHEET AP-01 AND SPECIAL PROVISIONS
(I)	SIGN POSTS	N/A	SEMI-GLOSS THERMOSET POWER COAT	BLACK FEDERAL ID #27038	SINGLE AND MULTI-POST SIGNS, REFER TO SHEET AP-01 AND SPECIAL PROVISIONS
	GUARDRAIL	N/A	GALVANIZED	N/A	PER FDOT STANDARDS
	ITS CABINETS	TBD	SEMI-GLOSS THERMOSET POWER COAT	DARK BRONZE FEDERAL ID #20062	REFER TO SHEET AP-01

CONTACT LIST

1. COATINGS
SHERWIN WILLIAMS
ANY DISTRIBUTOR

PHONE: (800) 4-SHERWIN
PHONE: (800) 474-3794

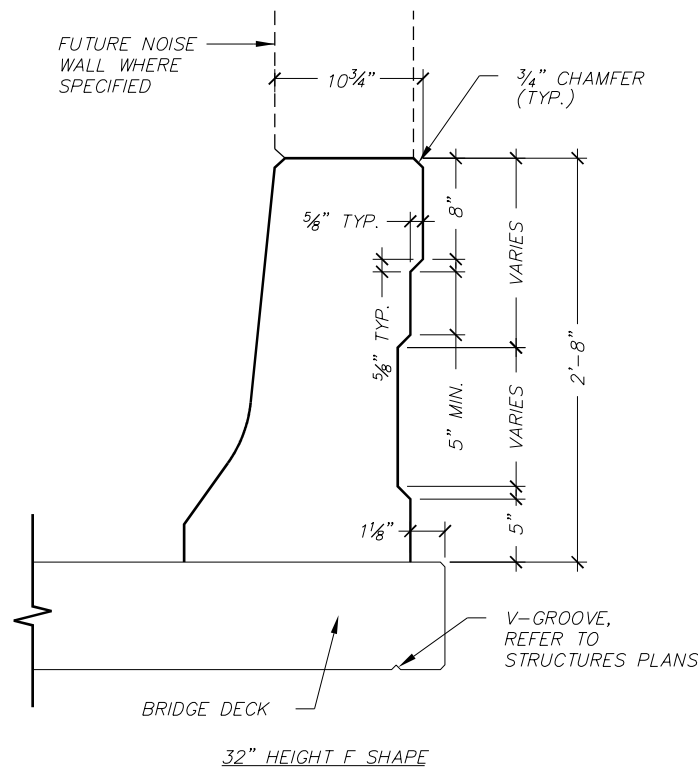
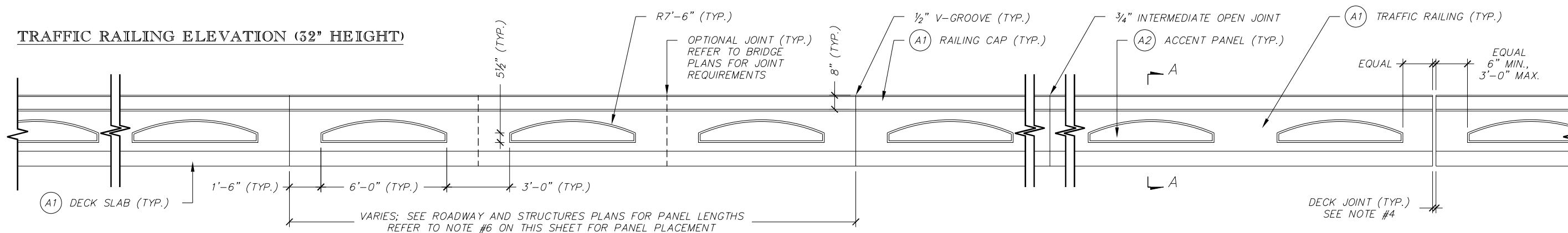
2. FORMLINER
CUSTOMROCK
2020 WEST 7TH STREET
ST. PAUL, MN 55116
PHONE: (651) 699-1345

FAX: (651) 699-1830
WWW.CUSTOMROCK.COM
EMAIL: INFO@CUSTOMROCK.COM

3. BEAM GRATING
CHERRY HILL FABRICATION, INC.
OR AUTHORITY APPROVED EQUAL
PO BOX 247
UPPER FALLS, MD 21156
PHONE: (410) 538-5200
FAX: (410) 538-5388
WWW.CHERRYHILLFAB.COM

REVISIONS						PARSONS 201 E. PINE ST., SUITE 900 ORLANDO, FL 32801 PHONE: (407) 702-6800 SAM T. PHAN, P.E. P.E. LICENSE NO. 54072 CERTIFICATE OF AUTHORIZATION NO. 1838	DRAWN BY: CJF 11-15 CHECKED BY: SDM 11-15 DESIGNED BY: CJF 11-15 CHECKED BY: SDM 11-15	CENTRAL FLORIDA EXPRESSWAY AUTHORITY		SHEET TITLE: MATERIAL FINISHES SCHEDULE	REF. DWG. NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION			ROAD NO.	PROJECT NO.		
							SR 429	429-205	S.R. 429 (WEKIVA PARKWAY)	AP-04	

TRAFFIC RAILING ELEVATION (32" HEIGHT)



SECTION A-A

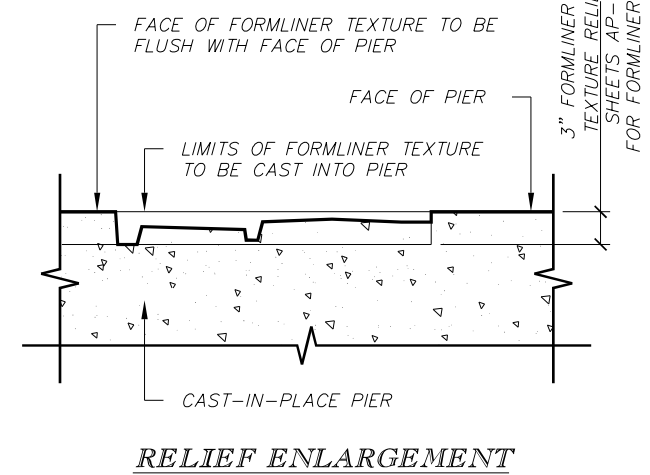
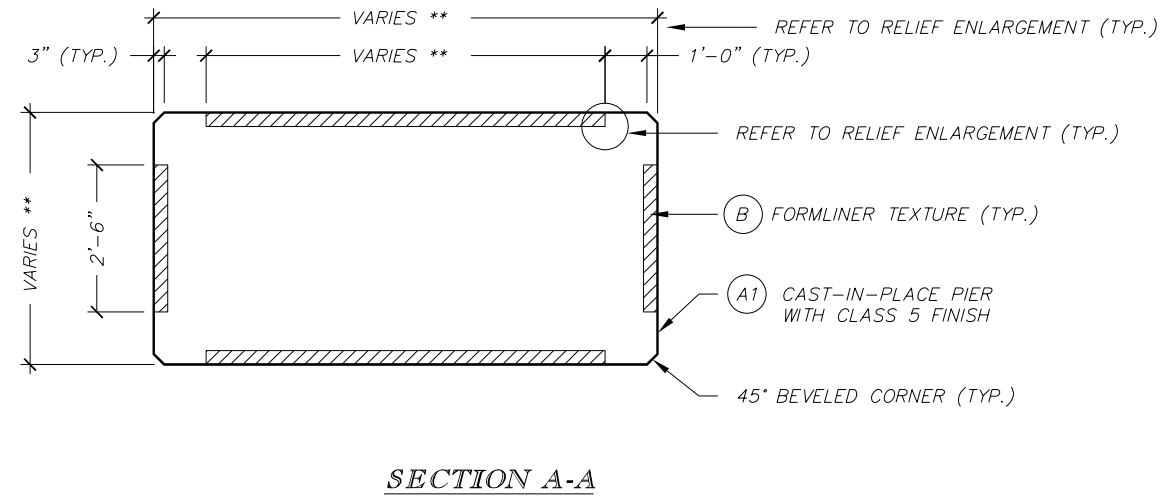
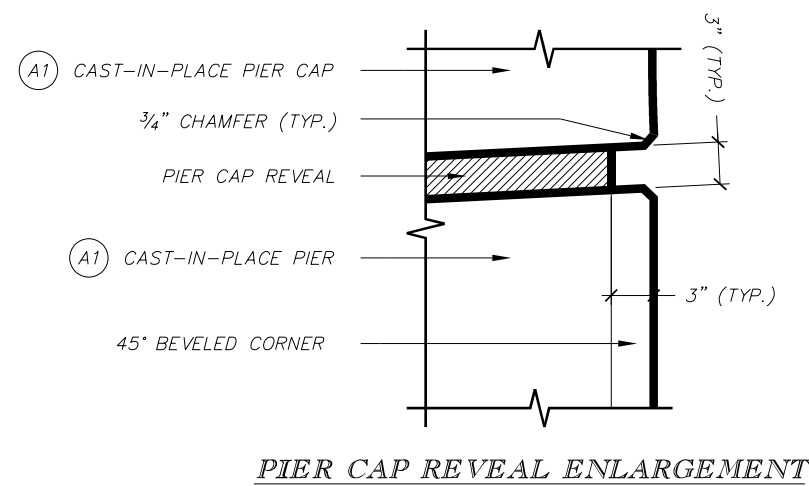
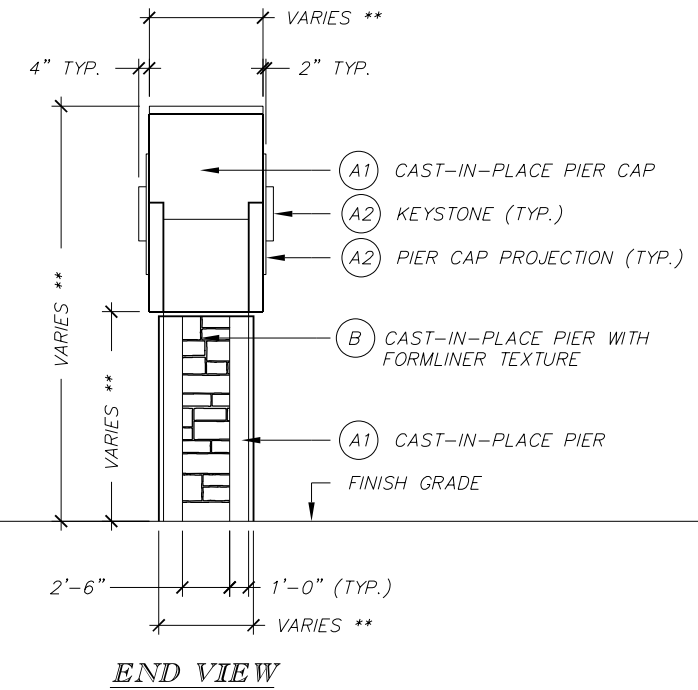
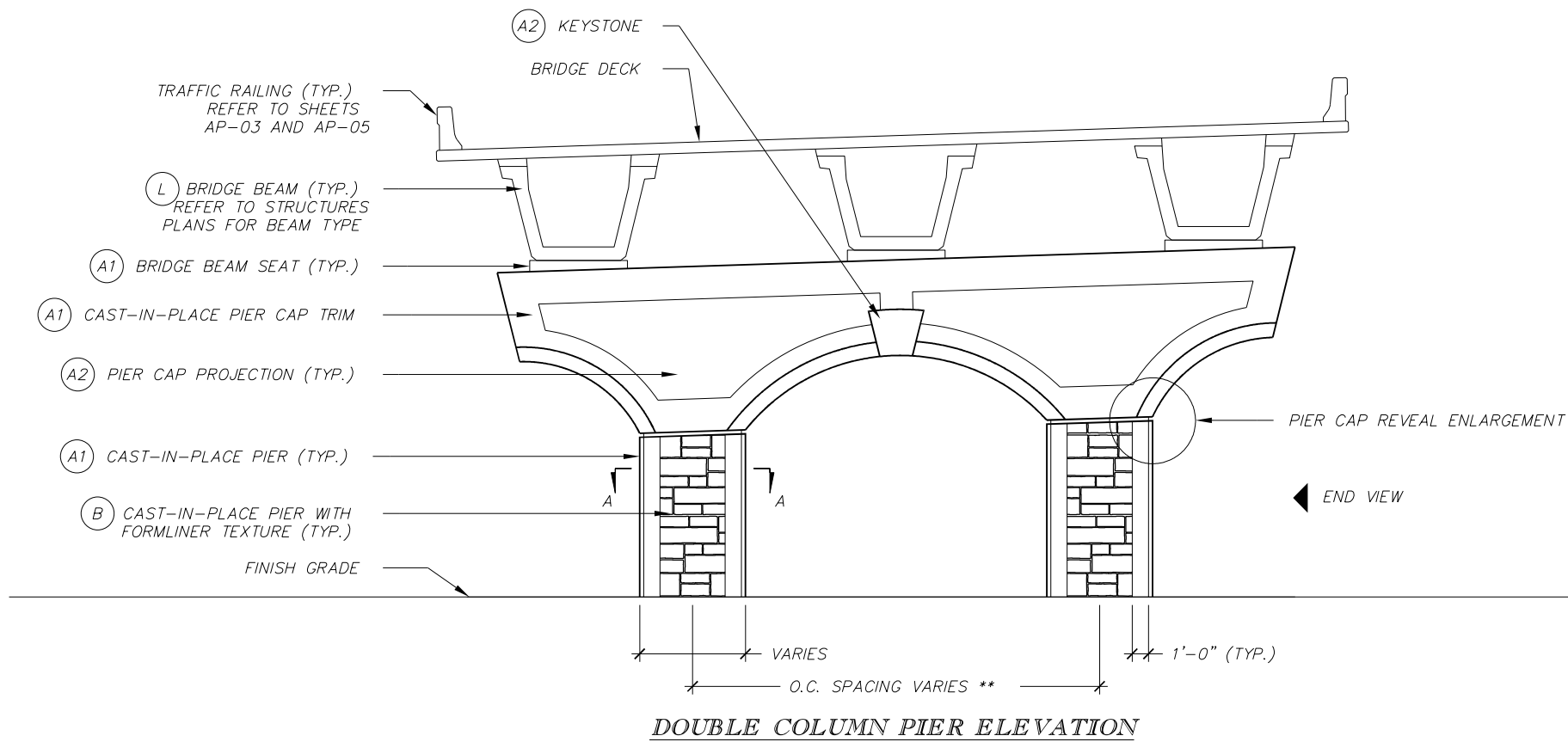
TRAFFIC RAILING NOTES

1. SEE STANDARD INDICES 420 AND 6110 FOR ADDITIONAL DETAILS.
2. REFER TO SHEET AP-03 FOR SURFACE TREATMENTS.
3. THE ARCHITECTURAL TRAFFIC RAILING TREATMENTS SHALL BE USED ON THE EXTERIOR FACE OF EACH BARRIER AT ALL BRIDGES.
4. SEE STRUCTURES PLANS FOR LOCATION AND ORIENTATION OF DECK JOINTS. OPEN BARRIER JOINTS AT DECK JOINT LOCATIONS SHALL MATCH THE DIMENSION OF THE DECK JOINT.
5. CONTRACTOR SHALL CONSIDER LOCATION OF REQUIRED DECK EXPANSION JOINTS (REFER TO STRUCTURES PLANS) IN PLACEMENT OF TRAFFIC RAILING TO ENSURE CONSISTENT AESTHETIC TREATMENT ACROSS ALL BRIDGE SPANS AND APPROACH SLABS.
6. RAILING ARCH PANELS SHALL BE PLACED STARTING FROM THE CENTER OF THE BRIDGE SPAN SO THAT ANY ADJUSTMENTS TO PANEL LENGTH ARE MADE AT THE ABUTMENT ENDS ADJACENT TO THE BRIDGE JOINT(S).
7. ON MULTI-SPAN BRIDGES, THE BRIDGE JOINT MAY BIFURCATE THE CENTER OF AN ARCH PANEL IF REQUIRED. THE TRAFFIC RAILING ON BOTH SIDES OF THE JOINT SHALL BE EQUAL.
8. SHOP DRAWINGS SHALL BE SUBMITTED TO CEI FOR REVIEW AND APPROVAL. SHOP DRAWINGS SHALL INCLUDE DIMENSION OF PANELS, REINFORCEMENT (INCLUDING TRANSITIONS AT APPROACH SLABS), ELEVATION ILLUSTRATING PLACEMENT OF ARCHES, BRIDGE EXPANSION JOINTS/TRAFFIC RAILING TRANSITIONS AND ANY OTHER PERTINENT DATA NECESSARY FOR THE CONSTRUCTION OF THE ARCHITECTURAL TRAFFIC RAILING BARRIERS.
9. REFER TO STRUCTURES PLANS FOR SPECIFIC REQUIREMENTS RELATED TO TRAFFIC RAILING JOINTING. JOINTS WILL VARY BASED ON PROPOSED RAILING TYPES.

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DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION			ROAD NO.	PROJECT NO.		
							SR 429	429-205	S.R. 429 (WEKIVA PARKWAY)	AP-05	

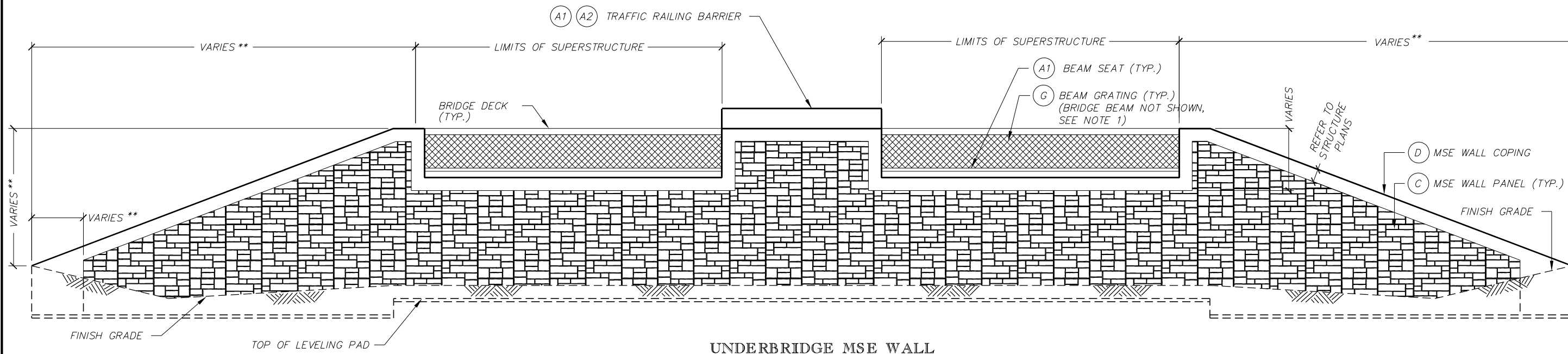
NOTES

1. REFER TO SHEET AP-01 FOR GENERAL REQUIREMENTS.
2. REFER TO SHEET AP-04 FOR COATING SCHEDULE (TYP.).



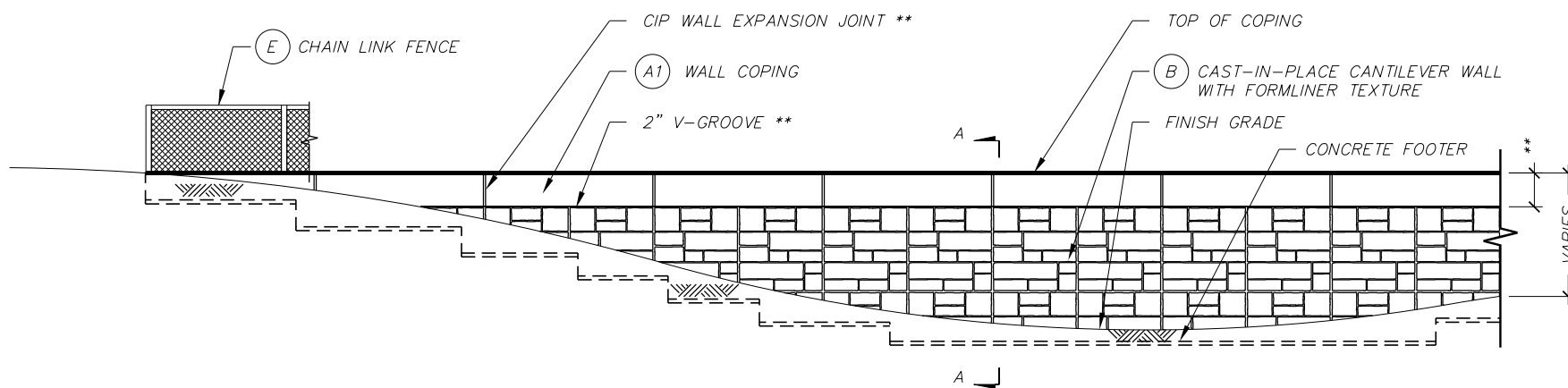
** REFER TO STRUCTURE PLANS FOR PIER GEOMETRY DETAILS AND SPECIFIC DIMENSIONS FOR ALL PIER ELEMENTS (PIER, CAP, CAP PANELS, KEYSTONE, ETC.)

REVISIONS						PARSONS 201 E. PINE ST., SUITE 900 ORLANDO, FL 32801 PHONE: (407) 702-6800 SAM T. PHAN, P.E. P.E. LICENSE NO. 54072 CERTIFICATE OF AUTHORIZATION NO. 1838	DRAWN BY: CJF 11-15 CHECKED BY: SDM 11-15 DESIGNED BY: CJF 11-15 CHECKED BY: SDM 11-15	CENTRAL FLORIDA EXPRESSWAY AUTHORITY		SHEET TITLE: BRIDGE PIER SCHEMATICS - MULTI-COLUMN PIER	REF. DWG. NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION			ROAD NO.	PROJECT NO.		
							SR 429	429-205	S.R. 429 (WEKIVA PARKWAY)	AP-06	

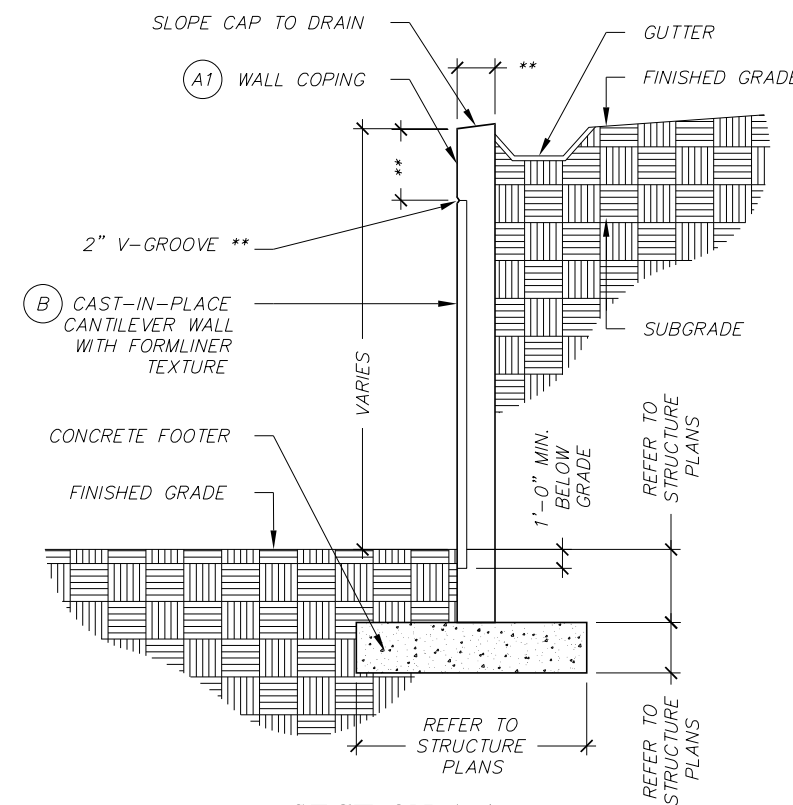


NOTES

1. REFER TO STRUCTURES PLANS FOR ADDITIONAL INFORMATION.
2. REFER TO SHEET AP-03 FOR COATING INFORMATION.
3. REFER TO SHEET AP-04 FOR MATERIAL FINISHES SCHEDULE.



CANTILEVER WALL ELEVATION



SECTION A-A

** REFER TO RETAINING WALL PLANS FOR SPECIFIC DIMENSIONS AND DETAILS

REVISIONS						PARSONS 201 E. PINE ST., SUITE 900 ORLANDO, FL 32801 PHONE: (407) 702-6800 SAM T. PHAN, P.E. P.E. LICENSE NO. 54072 CERTIFICATE OF AUTHORIZATION NO. 1838	DRAWN BY: CJF 11-15 CHECKED BY: SDM 11-15 DESIGNED BY: CJF 11-15 CHECKED BY: SDM 11-15	CENTRAL FLORIDA EXPRESSWAY AUTHORITY		SHEET TITLE: MISCELLANEOUS WALL SCHEMATICS	REF. DWG. NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION			ROAD NO.	PROJECT NO.		
							SR 429	429-205	S.R. 429 (WEKIVA PARKWAY)	AP-07	