September 13, 2012

STATE OF RHODE ISLAND AND PROVIDENCE PLANTATION
DEPARTMENT OF TRANSPORTATION

RHODE ISLAND CONTRACT NO.2012-CB-089

FEDERAL-AID PROJECT NO. FAP Nos: 405-421-631

Interim Shoring of Huntington Viaduct Bridge No. 504

CITY/TOWN OF Providence

COUNTY OF PROVIDENCE

NOTICE TO PROSPECTIVE BIDDERS

ADDENDUM NO. 1 Prospective bidders and all concerned are hereby notified of the following changes in the Plans, Specifications, Proposal and Distribution of Quantities for this contract. These changes shall be incorporated in the Plans, Specifications, Proposal and Distribution of Quantities, and shall become an integral part of the Contract Documents.

A. Specification Change/Addition

1. Page CS-11

   Remove page CS-11 in its entirety and replace it with revised page CS-11 (R-1) attached to this Addendum No. 1. Section 22. "AMTRAK REQUIREMENTS" has been revised.

2. Page JS-6

   Remove page JS-6 in its entirety and replace it with revised page JS-6 (R-1) attached to this Addendum No. 1. Code 12.108.1000 "PROSECUTION AND PROGRESS" has been revised.

B. Drawings/Plans - Change/Addition

1. Sheet 8

   Remove Sheet 8 in its entirety and replace with revised Sheet 8 (R-1) attached to this Addendum No. 1. The existing conditions have been updated.

2. Sheet 9

   Remove Sheet 9 in its entirety and replace with revised Sheet 9 (R-1) attached to this Addendum No. 1. The existing conditions have been updated.

3. Sheet 10

   Remove Sheet 10 in its entirety and replace with revised Sheet 10 (R-1) attached to this Addendum No. 1. The existing conditions have been updated.

4. Sheet 39

   Remove Sheet 39 in its entirety and replace with revised Sheet 39 (R-1) attached to this Addendum No. 1. Existing underpass lighting was added.

5. Sheet 40

   Remove Sheet 40 in its entirety and replace with revised Sheet 40 (R-1) attached to this Addendum No. 1. Existing underpass lighting was added.

C. Distribution of Quantities

1. Index Page 1

   Remove Index Page 1 in its entirety and replace them with revised Page 1 (R-1) attached to this Addendum No. 1. The Table of Contents has been revised.

2. Page 5, 5a and 5b

   Remove Page 5 in its entirety and replace with revised Page 5 (R-1) and add new Page 5a and 5b attached to this Addendum No. 1. The Distribution of Quantities for Item Code 824.9934 "EXISTING BEARING SHORING REPAIR – TYPE 1" and 824.9935 "EXISTING BEARING SHORING REPAIR – TYPE 2" have been revised.

RI Department of Transportation
Chief Engineer

The Contractor shall be responsible to coordinate with Amtrak for scheduling work. The costs associated with Amtrak Railroad Protection (Inspectors, Track Foreman, Track Watchmen, Flagmen, Signalmen, Electric Traction Linemen, Class A employee or other Railroad employees necessary by Amtrak) will be RIDOT's responsibility.

The Contractor shall submit all Amtrak required entry and work permit submissions within 60 days in advance of performing the work.

Amtrak has indicated that track foul time will be available at this location between the hours of 12:00 am and 4:00 am on a nightly basis. It is anticipated that the Contractor will have on average a 3-1/2 hour window to work. It shall also be noted that the west most track (freight line) will have one train that passes through every night, between 12:00 am and 4:00 am, except Saturday.

All costs associated with the Contractor's means and methods for job site access in the Amtrak Right-of-Way and final restoration of the site to pre-construction conditions will be considered incidental to associated items in the proposal; there will be no separate payment for these means and methods.

23. DOCUMENT MANAGEMENT AND CONTROL

The Department has a standard document management and control program for all contracts. The intent of the program is to provide a system that enables an orderly and timely response to all project correspondence. To support this system, the Contractor shall strictly follow these document control standards.

24. STATE AND LOCAL POLICE COMPENSATION

Upon award of the contract and approval of the schedule, but prior to construction, the Contractor shall coordinate requirements for Uniformed Traffic Control Persons with the Engineer. It will be the responsibility of the Engineer to retain the services of the local police with cruisers for traffic control and protection for this project. The Contractor will not be required to bid on, or to compensate for, the services of the local police.

25. COOPERATION BY CONTRACTOR

The Contractor shall provide the Department's Resident Engineer 24 hours advance notification prior to the commencement of work at each and any pier shoring location.

CODE 12.108.1000

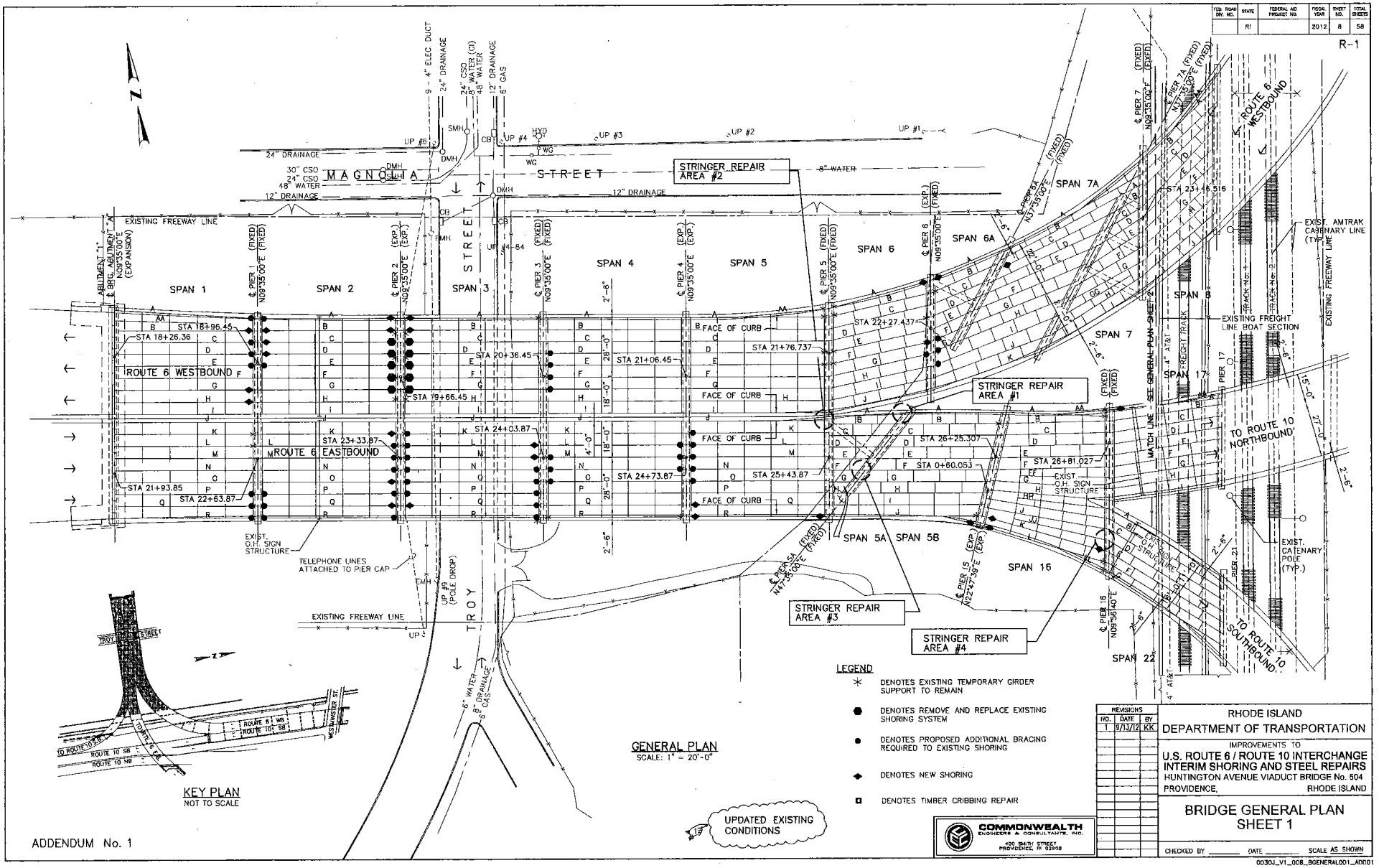
PROSECUTION AND PROGRESS

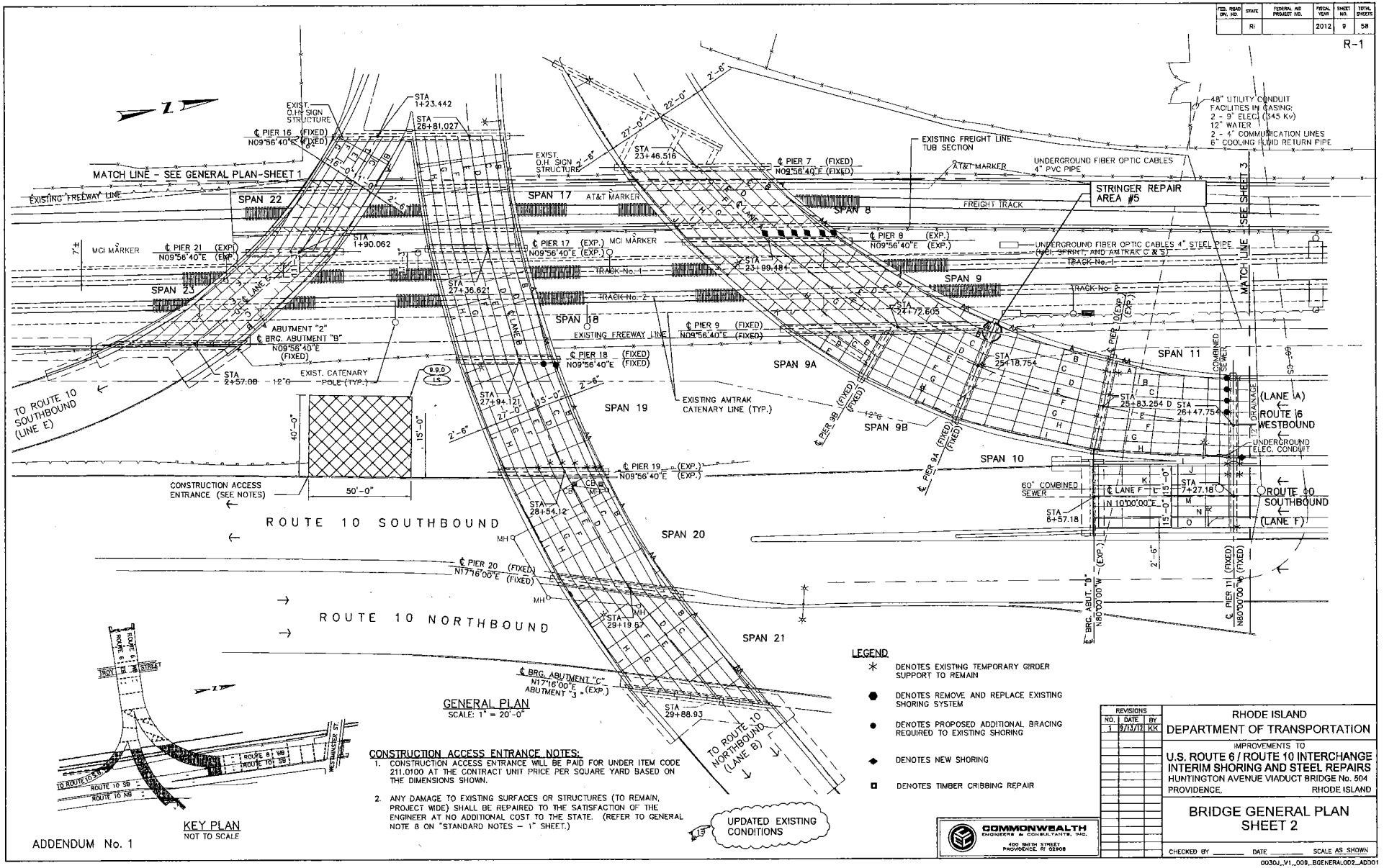
In accordance with Section **12.108.08, Failure to Complete on Time, Para. A., Phased Completion, Interim Completion and Substantial Completion** the following defines the Substantial Completion Dates and Associated Liquidated Damages:

Substantial Completion: **October 25, 2013**

All Contract work shall be completed, as defined by **Section 12.101.71**

Liquidated Damages: $1,500.00 per calendar day.


FED. ROAD DIV. NO.
STATE
FEDERAL AID PROJECT NO.
FISCAL YEAR
SHEET NO.
TOTAL SHEETS
RI
2012
8
58
R-1
MAGNOLIA STREET
TROY STREET
EXISTING FREEWAY LINE
STRINGER REPAIR AREA #1
STRINGER REPAIR AREA #2
STRINGER REPAIR AREA #3
STRINGER REPAIR AREA #4
SPAN 1
SPAN 2
SPAN 3
SPAN 4
SPAN 5
SPAN 6
SPAN 6A
SPAN 7A
SPAN 8
SPAN 7
SPAN 17
SPAN 5A
SPAN 5B
SPAN 16
SPAN 22
ROUTE 6 WESTBOUND
ROUTE 6 EASTBOUND
TO ROUTE 10 NORTHBOUND
TO ROUTE 10 SOUTHBOUND
EXIST. AMTRAK CATENARY LINE (TYP.)
EXISTING FREIGHT LINE BOAT SECTION
EXISTING FREIGHT TRACK
EXIST. CATENARY POLE (TYP.)
EXIST. O.H. SIGN STRUCTURE
TELEPHONE LINES ATTACHED TO PIER CAP
SEE GENERAL PLAN SHEET 2
MATCH LINE
LEGEND
DENOTES EXISTING TEMPORARY GIRDER SUPPORT TO REMAIN
DENOTES REMOVE AND REPLACE EXISTING SHORING SYSTEM
DENOTES PROPOSED ADDITIONAL BRACING REQUIRED TO EXISTING SHORING
DENOTES NEW SHORING
DENOTES TIMBER CRIBBING REPAIR
UPDATED EXISTING CONDITIONS
GENERAL PLAN
SCALE: 1" = 20'-0"
KEY PLAN
NOT TO SCALE
ADDENDUM No. 1
REVISIONS
NO. DATE BY
1 9/13/12 KK
RHODE ISLAND
DEPARTMENT OF TRANSPORTATION
IMPROVEMENTS TO
U.S. ROUTE 6 / ROUTE 10 INTERCHANGE
INTERIM SHORING AND STEEL REPAIRS
HUNTINGTON AVENUE VIADUCT BRIDGE No. 504
PROVIDENCE, RHODE ISLAND
BRIDGE GENERAL PLAN
SHEET 1
CHECKED BY _____ DATE _____ SCALE AS SHOWN
COMMONWEALTH ENGINEERS & CONSULTANTS, INC.
400 SMITH STREET PROVIDENCE, RI 02908
0030J_V1_008_BGENERAL001_ADD01



GENERAL PLAN
SCALE: 1" = 20'-0"

KEY PLAN
NOT TO SCALE

LEGEND

- ✳ DENOTES EXISTING TEMPORARY GIRDER SUPPORT TO REMAIN
- ⬢ DENOTES REMOVE AND REPLACE EXISTING SHORING SYSTEM
- ● DENOTES PROPOSED ADDITIONAL BRACING REQUIRED TO EXISTING SHORING
- ◆ DENOTES NEW SHORING
- ◘ DENOTES TIMBER CRIBBING REPAIR

CONSTRUCTION ACCESS ENTRANCE NOTES:

1. CONSTRUCTION ACCESS ENTRANCE WILL BE PAID FOR UNDER ITEM CODE 211.0100 AT THE CONTRACT UNIT PRICE PER SQUARE YARD BASED ON THE DIMENSIONS SHOWN.
2. ANY DAMAGE TO EXISTING SURFACES OR STRUCTURES (TO REMAIN, PROJECT WIDE) SHALL BE REPAIRED TO THE SATISFACTION OF THE ENGINEER AT NO ADDITIONAL COST TO THE STATE. (REFER TO GENERAL NOTE 8 ON "STANDARD NOTES – 1" SHEET.)

ADDENDUM No. 1

FED. ROAD DIV. NO.	STATE	FEDERAL AID PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
	RI		2012	9	58

R-1

REVISIONS		
NO.	DATE	BY
1	9/17/12	KK

RHODE ISLAND
DEPARTMENT OF TRANSPORTATION

IMPROVEMENTS TO
U.S. ROUTE 6 / ROUTE 10 INTERCHANGE
INTERIM SHORING AND STEEL REPAIRS
HUNTINGTON AVENUE VIADUCT BRIDGE No. 504
PROVIDENCE, RHODE ISLAND

BRIDGE GENERAL PLAN
SHEET 2

CHECKED BY _____ DATE _____ SCALE AS SHOWN

COMMONWEALTH ENGINEERS & CONSULTANTS, INC.
400 SMITH STREET, PROVIDENCE, RI 02908

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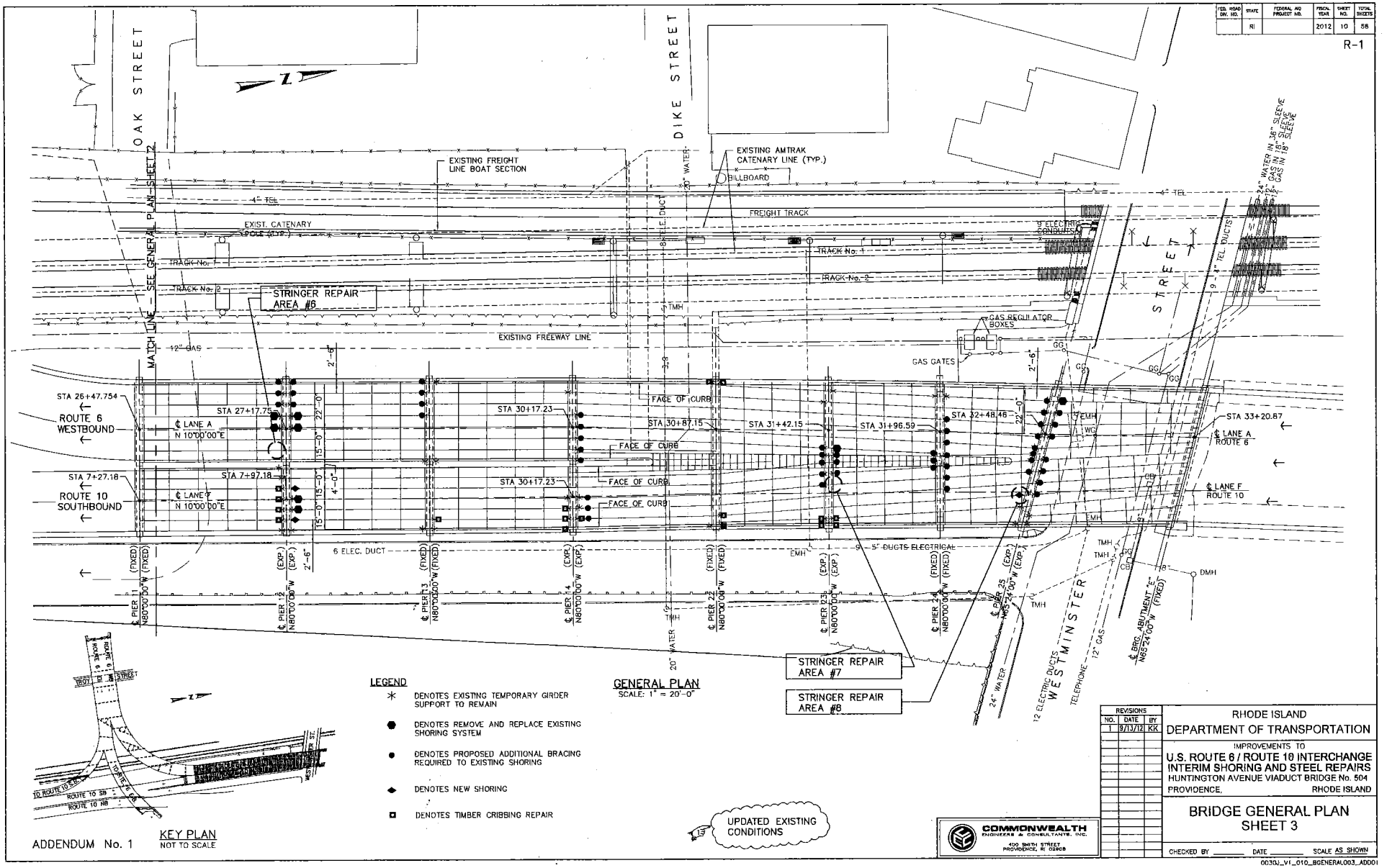

KEY PLAN
NOT TO SCALE

GENERAL PLAN
SCALE: 1" = 20'-0"

LEGEND

- ✳ DENOTES EXISTING TEMPORARY GIRDER SUPPORT TO REMAIN
- ⬢ DENOTES REMOVE AND REPLACE EXISTING SHORING SYSTEM
- ● DENOTES PROPOSED ADDITIONAL BRACING REQUIRED TO EXISTING SHORING
- ◆ DENOTES NEW SHORING
- ◘ DENOTES TIMBER CRIBBING REPAIR

UPDATED EXISTING CONDITIONS

ADDENDUM No. 1

FED. ROAD DIV. NO.	STATE	FEDERAL AID PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
	RI		2012	10	56

R-1

REVISIONS		
NO.	DATE	BY
1	9/13/12	KK

RHODE ISLAND
DEPARTMENT OF TRANSPORTATION

IMPROVEMENTS TO
U.S. ROUTE 6 / ROUTE 10 INTERCHANGE
INTERIM SHORING AND STEEL REPAIRS
HUNTINGTON AVENUE VIADUCT BRIDGE No. 504
PROVIDENCE, RHODE ISLAND

BRIDGE GENERAL PLAN
SHEET 3

COMMONWEALTH ENGINEERS & CONSULTANTS, INC.
400 SMITH STREET
PROVIDENCE, RI 02908

CHECKED BY _____ DATE _____ SCALE AS SHOWN

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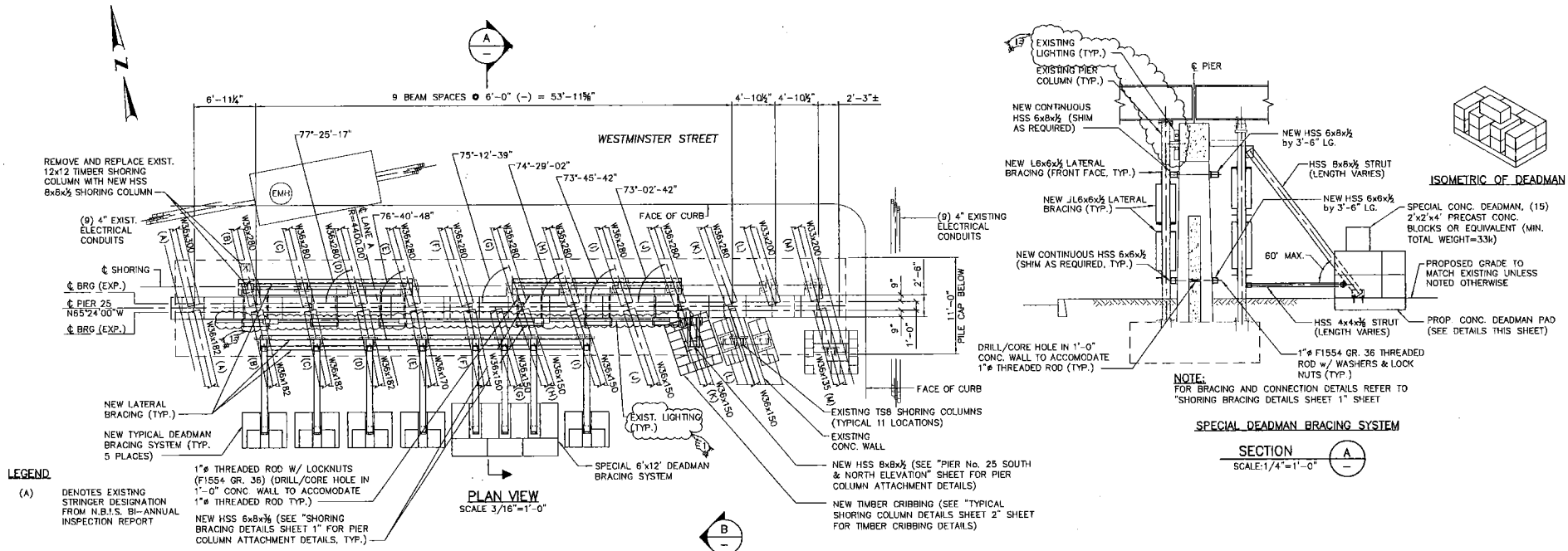
FED. ROAD DIV. NO.	STATE	FEDERAL AID PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
	RI		2012	39	58

R-1



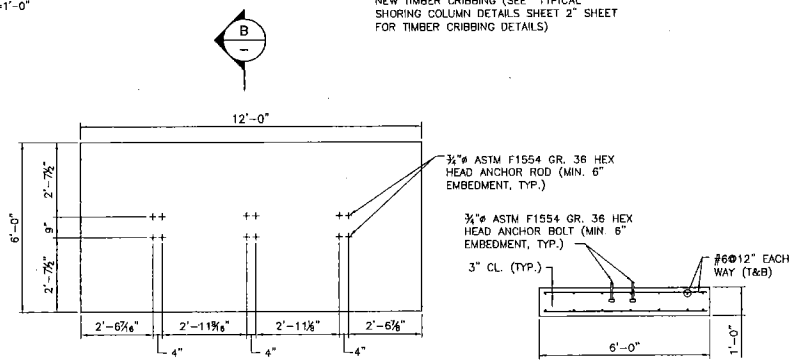
PLAN VIEW
SCALE 3/16"=1'-0"

ISOMETRIC OF DEADMAN

NOTE:
FOR BRACING AND CONNECTION DETAILS REFER TO "SHORING BRACING DETAILS SHEET 1" SHEET

SPECIAL DEADMAN BRACING SYSTEM

SECTION A
SCALE:1/4"=1'-0"



CONCRETE DEADMAN PAD
SCALE:1/2"=1'-0"

SECTION B
SCALE:1/2"=1'-0"

ADDENDUM No. 1

REVISIONS		
NO.	DATE	BY
1	9/13/12	KK

RHODE ISLAND
DEPARTMENT OF TRANSPORTATION

IMPROVEMENTS TO
U.S. ROUTE 6 / ROUTE 10 INTERCHANGE
INTERIM SHORING AND STEEL REPAIRS
HUNTINGTON AVENUE VIADUCT BRIDGE No. 604
PROVIDENCE, RHODE ISLAND

PIER No. 25
PLAN, SECTION & DETAILS

CHECKED BY _____ DATE _____ SCALE AS SHOWN

COMMONWEALTH ENGINEERS & CONSULTANTS, INC.
403 SMITH STREET
PROVIDENCE, RI 02908

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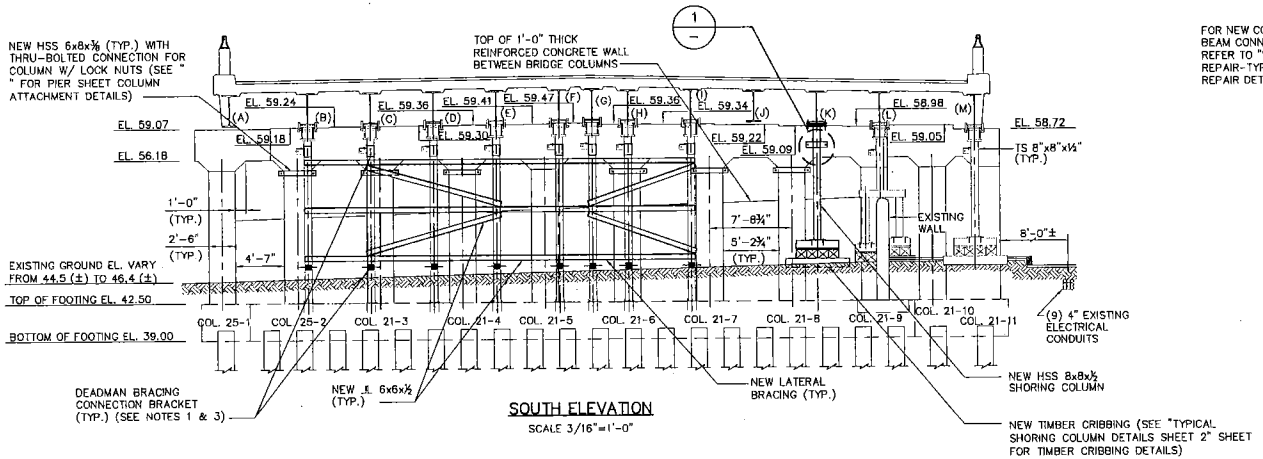
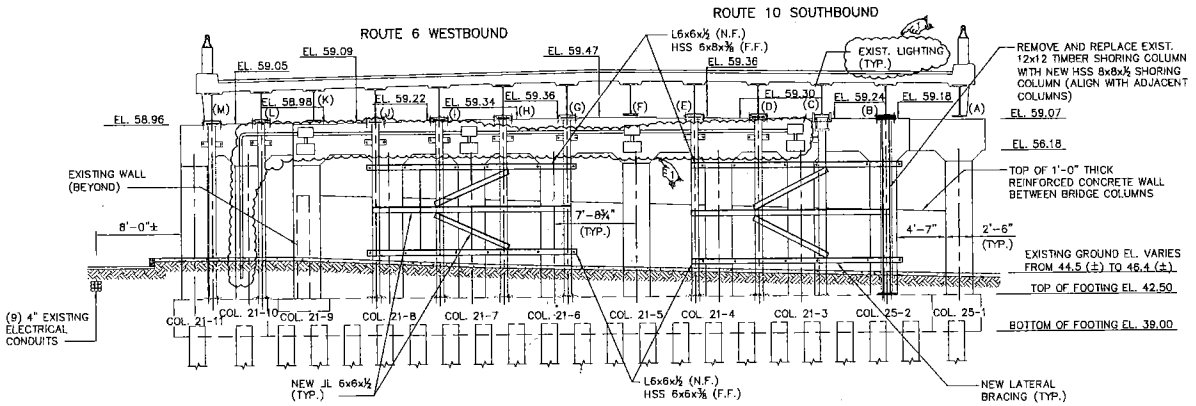
FED. ROAD DIV. NO.	STATE	FEDERAL AID PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
	RI		2012	40	58

R-1

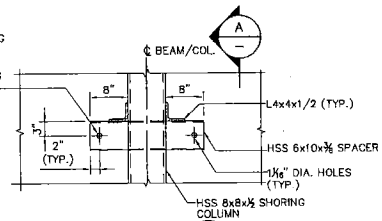


SOUTH ELEVATION
SCALE 3/16"=1'-0"

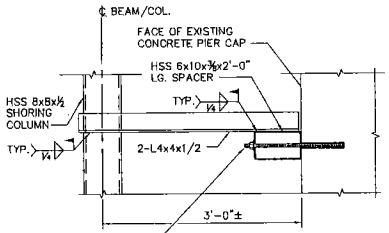


NORTH ELEVATION
SCALE 3/16"=1'-0"

FOR NEW COLUMN TO EXISTING BEAM CONNECTION DETAILS, REFER TO "BEARING REPAIR-TYPE 1, ON SHORTING REPAIR DETAILS" SHEET



DETAIL
SCALE: 1"=1'-0"



NOTE:
WHEN DETERIORATED CONCRETE IS ENCOUNTERED, THE DEPTH OF THE ANCHOR ROD DRILL HOLE SHALL BE INCREASED SO THAT THE MINIMUM EMBEDMENT DEPTH IS ACHIEVED IN REASONABLY SOUND CONCRETE.

SECTION
SCALE: 1"=1'-0"

NOTES:

1. DEADMAN BRACING SYSTEM NOT SHOWN IN ELEVATION FOR CLARITY.
2. REFER TO "TYPICAL SHORING COLUMN DETAILS" SHEETS FOR NEW SHORING COLUMN DETAILS.
3. REFER TO "SHORING BRACING DETAILS SHEET 1" FOR TYPICAL DEADMAN BRACING DETAILS.
4. REFER TO "SHORING BRACING DETAILS SHEET 2" FOR LATERAL BRACING CONNECTION DETAILS

ADDENDUM No. 1

REVISIONS		
NO.	DATE	BY
1	9/13/12	KK

COMMONWEALTH ENGINEERS & CONSULTANTS, INC.
400 SMITH STREET
PROVIDENCE, RI 02908

RHODE ISLAND
DEPARTMENT OF TRANSPORTATION

IMPROVEMENTS TO
U.S. ROUTE 6 / ROUTE 10 INTERCHANGE
INTERIM SHORING AND STEEL REPAIRS
HUNTINGTON AVENUE VIADUCT BRIDGE No. 504
PROVIDENCE, RHODE ISLAND

PIER No. 25
ELEVATIONS & DETAILS

CHECKED BY _____ DATE _____ SCALE AS SHOWN

0030J_V1_040_PIERS030_ADD01

Table of Contents - Distribution of Quantities

Project Name - Interim Shoring of Huntington Viaduct Bridge No. 504
Estimate Name - Addendum 1 to Bridge No. 504 Interim Shoring
R.I. Contract No. - 2012-CB-089
FAP Nos: 405-421-631

ItemCode	Description	Page
201.9902	SITE PREPARATION - PROJECT WIDE	1
211.0100	CONSTRUCTION ACCESSES STANDARD 9.9.0	1
824.9901	INTERIM SHORING AT PIER NO. 1	1
824.9902	INTERIM SHORING AT PIER NO. 2	1
824.9903	INTERIM SHORING AT PIER NO. 3	1
824.9904	INTERIM SHORING AT PIER NO. 4	1
824.9906	INTERIM SHORING AT PIER NO. 6	1
824.9907	INTERIM SHORING AT PIER NO. 6A	2
824.9908	INTERIM REPAIRS AT PIER NO. 8	2
824.9911	INTERIM SHORING AT PIER NO. 11	2
824.9912	INTERIM SHORING AT PIER NO. 12	2
824.9913	INTERIM SHORING AT PIER NO. 13	2
824.9914	INTERIM SHORING AT PIER NO. 14	2
824.9915	INTERIM SHORING AT PIER NO. 15	3
824.9916	INTERIM SHORING AT PIER NO. 16	3
824.9918	INTERIM SHORING AT PIER NO. 18	3
824.9922	INTERIM SHORING AT PIER NO. 22	3
824.9923	INTERIM SHORING AT PIER NO. 23	3
824.9924	INTERIM SHORING AT PIER NO. 24	3
824.9925	INTERIM SHORING AT PIER NO. 25	3
824.9926	STRINGER REPAIR AREA NO. 1 - PIER NO. 5A	4
824.9927	STRINGER REPAIR AREA NO. 2 - PIER NO. 5	4
824.9928	STRINGER REPAIR AREA NO. 3 - PIER NO. 5A	4
824.9929	STRINGER REPAIR AREA NO. 4 - PIER NO. 16	4
824.9930	STRINGER REPAIR AREA NO. 5 - PIER NO. 9A	4
824.9931	STRINGER REPAIR AREA NO. 6 - PIER NO. 12	4
824.9932	STRINGER REPAIR AREA NO. 7 - PIER NO. 23	5
824.9933	STRINGER REPAIR AREA NO. 8 - PIER NO. 25	5
824.9934	**EXISTING BEARING SHORING REPAIR - TYPE 1**	**5**
824.9935	**EXISTING BEARING SHORING REPAIR - TYPE 2**	**5**
824.9936	TEMPORARY JACKING AND SHORING BEAM ENDS AT PIER NO. 2	5
824.9937	FURNISH & INSTALL SUPPLEMENTAL SHORING	6
903.9901	TEMPORARY CHAIN LINK FENCE, 6 FT HIGH	6
914.5010	FLAGPERSONS	6
914.5020	FLAGPERSONS - OVERTIME	6
916.0600	SHOCK ABSORBING BARRIER MODULES	6
922.0100	TEMPORARY CONSTRUCTION SIGNS STANDARD 29.1.0 AND 27.1.1	6
923.0105	DRUM BARRICADE STANDARD 26.2.0	7
923.0120	PLASTIC PIPE BARRICADE STANDARD 26.3.0	7
923.0200	FLUORESCENT TRAFFIC CONES STANDARD 26.1.0	8
926.0130	PRECAST MEDIAN BARRIER FOR TEMPORARY TRAFFIC CONTROL STANDARD 40.5.0	8
929.0110	FIELD OFFICE	8
936.0110	MOBILIZATION	8
L01.0104	PLANTABLE SOIL 4 INCHES DEEP	8
L02.0101	GENERAL HIGHWAY SEEDING (TYPE 1)	9

Distribution of Quantities

Project Name - Interim Shoring of Huntington Viaduct Bridge No. 504
Estimate Name - Addendum 1 to Bridge No. 504 Interim Shoring
R.I. Contract No. - 2012-CB-089
FAP Nos: 405-421-631

Item No.	Item Code	Description	UM	Qty.	Pay Code	Seq. No.
026	824.9931 Cont.	NO. 12				
		BR. 504				
		BR. 504		1.00	0014	01
		Item 824.9931 Total:		**1.00**		
027	824.9932	**STRINGER REPAIR AREA NO. 7 - PIER NO. 23**	LS			
		BR. 504				
		BR. 504		1.00	0014	01
		Item 824.9932 Total:		**1.00**		
028	824.9933	**STRINGER REPAIR AREA NO. 8 - PIER NO. 25**	LS			
		BR. 504				
		BR. 504		1.00	0014	01
		Item 824.9933 Total:		**1.00**		
029	824.9934	**EXISTING BEARING SHORING REPAIR - TYPE 1**	EACH			
		BR. 504				
		AS PER ENGINEER		2.00	0014	01
		PIER NO 16		4.00	0014	01
		PIER NO 24		1.00	0014	01
		PIER NO. 1		8.00	0014	01
		PIER NO. 10		4.00	0014	01
		PIER NO. 11		5.00	0014	01
		PIER NO. 12		8.00	0014	01
		PIER NO. 13		6.00	0014	01
		PIER NO. 14		6.00	0014	01
		PIER NO. 15		1.00	0014	01
		PIER NO. 18		1.00	0014	01
		PIER NO. 19		4.00	0014	01
		PIER NO. 2		7.00	0014	01

Distribution of Quantities

Project Name - Interim Shoring of Huntington Viaduct Bridge No. 504
Estimate Name - Addendum 1 to Bridge No. 504 Interim Shoring
R.I. Contract No. - 2012-CB-089
FAP Nos: 405-421-631

Item No.	Item Code	Description	UM	Qty.	Pay Code	Seq. No.
029	824.9934 Cont.	PIER NO. 22		5.00	0014	01
		PIER NO. 23		9.00	0014	01
		PIER NO. 25		8.00	0014	01
		PIER NO. 3		11.00	0014	01
		PIER NO. 4		3.00	0014	01
		PIER NO. 5		5.00	0014	01
		PIER NO. 6		4.00	0014	01
		PIER NO. 9A		1.00	0014	01
		Item 824.9934 Total:		**103.00**		
030	824.9935	**EXISTING BEARING SHORING REPAIR - TYPE 2**	**EACH**			
		BR. 504				
		AS PER ENGINEER		2.00	0014	01
		PIER NO. 1		6.00	0014	01
		PIER NO. 10		1.00	0014	01
		PIER NO. 11		5.00	0014	01
		PIER NO. 12		4.00	0014	01
		PIER NO. 13		4.00	0014	01
		PIER NO. 14		7.00	0014	01
		PIER NO. 15		1.00	0014	01
		PIER NO. 16		2.00	0014	01
		PIER NO. 19		3.00	0014	01
		PIER NO. 2		4.00	0014	01
		PIER NO. 22		1.00	0014	01
		PIER NO. 23		3.00	0014	01
		PIER NO. 24		11.00	0014	01
		PIER NO. 25		11.00	0014	01
		PIER NO. 3		3.00	0014	01
		PIER NO. 4		6.00	0014	01
		PIER NO. 5		3.00	0014	01
		PIER NO. 6		3.00	0014	01
		Item 824.9935 Total:		**80.00**		

Distribution of Quantities

Project Name - Interim Shoring of Huntington Viaduct Bridge No. 504
Estimate Name - Addendum 1 to Bridge No. 504 Interim Shoring
R.I. Contract No. - 2012-CB-089
FAP Nos: 405-421-631

Item No.	Item Code	Description	UM	Qty.	Pay Code	Seq. No.
031	824.9936	**TEMPORARY JACKING AND SHORING BEAM ENDS AT PIER NO. 2**	LS			
		BR. 504				
		BR. 504		1.00	0014	01