

CITY CLERK DEPT.

2016 JAN -6 PM 2:15

**CITY OF EL PASO, TEXAS
AGENDA ITEM
DEPARTMENT HEAD'S SUMMARY FORM**

DEPARTMENT: Capital Improvement Department

AGENDA DATE: January 12, 2016

CONTACT PERSON NAME AND PHONE NUMBER: Monica Lombraña, A.A.E. Capital Improvement Director 212-1831

DISTRICT(S) AFFECTED: 8

SUBJECT:

A resolution that the City Manager be authorized to sign a Multipurpose Use Agreement between the State of Texas, by and between the Texas Department of Transportation, and the City of El Paso to permit the construction, maintenance and operation of a public streetcar project known as the El Paso Streetcar Project on the highway right of way IH 10 at the intersections of Oregon Street and Stanton Street in El Paso, Texas.

BACKGROUND / DISCUSSION:

The Texas Department of Transportation has indicated its willingness to approve the establishment of the El Paso Streetcar Project on the condition that the City will enter into Multiple Use Agreements for the purpose of determining the respective responsibilities of the City and the Texas Department of Transportation, and on the condition that such uses are in the public interest and will not damage the highway facilities, impair safety, impede maintenance or in any way restrict the operation of the highway facility. This agreement is required by the Texas Department of Transportation (TxDOT) to allow the city to construct, maintain and operate a public streetcar on TxDOT right-of-way. The agreement pertains to the locations on highway right of way IH 10 at the intersections of Oregon Street and Stanton Street.

PRIOR COUNCIL ACTION:

AMOUNT AND SOURCE OF FUNDING:

BOARD / COMMISSION ACTION:

N/A

*****REQUIRED AUTHORIZATION*****

DEPARTMENT HEAD:



(If Department Head Summary Form is initiated by Purchasing, client department should sign also)

RESOLUTION

2016 JAN -6 PM 2:15

WHEREAS, City of El Paso has requested permission from the Texas Department of Transportation to construct, maintain and operate a public streetcar project on the highway right of way of IH 10 at the intersections of Oregon Street and Stanton Street in El Paso, Texas; and

WHEREAS, the Texas Department of Transportation has indicated its willingness to approve the establishment of the El Paso Streetcar Project on the condition that the City of El Paso will enter into agreements for the purpose of determining the respective responsibilities of the City of El Paso and the Texas Department of Transportation and on the condition that such uses are in the public interest and will not damage the highway facilities, impair safety, impede maintenance or in any way restrict the operation of the highway facility.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF EL PASO:

That the City Manager be authorized to sign a Multipurpose Use Agreement between the State of Texas, by and between the Texas Department of Transportation, and the City of El Paso to permit the construction, maintenance and operation of a public streetcar project known as the El Paso Streetcar Project on the highway right of way IH 10 at the intersections of Oregon Street and Stanton Street in El Paso, Texas.

APPROVED AND ADOPTED this ____ day of _____, 2016.

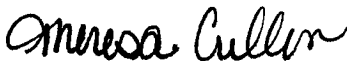
THE CITY OF EL PASO

Oscar Leoser
Mayor

ATTEST:

Richarda Duffy Momsen
City Clerk

APPROVED AS TO FORM:



Theresa Cullen
Deputy City Attorney

APPROVED AS TO CONTENT:

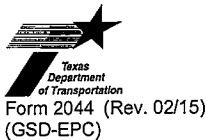


Monica Lombraña, Director
Capital Improvement Department

APPROVED AS TO CONTENT:

Jay Banasiak, Director
Mass Transit Department

2016 JAN -6 PM 2:16

**MULTIPLE USE AGREEMENT**

STATE OF TEXAS §

COUNTY OF TRAVIS §

THIS AGREEMENT made by the State of Texas by and between the Texas Department of Transportation, hereinafter referred to as "State", party of the first part, and The City of El Paso hereinafter called the "City", party of the second part, is to become effective when fully executed by both parties.

WITNESSETH

WHEREAS, on the ____ day of _____, 20____, the governing body for the City, entered into Resolution, hereinafter identified by reference, authorizing the City's participation in this agreement with the State; and

WHEREAS, the City has requested the State to permit the construction, maintenance and operation of a public streetcar project on the highway right of way of **IH 10** at the intersections of **Oregon Street** and **Stanton Street** in El Paso, Texas, referred to as the El Paso Streetcar Project. shown graphically by the preliminary conceptual site plan in Exhibit "A" and being more depicted on Exhibit "B", which are attached and made a part hereof; and

WHEREAS, the State has indicated its willingness to approve the establishment of the Streetcar Project conditioned that the City will enter into agreements with the state for the purpose of determining the respective responsibilities of the City and the State with reference thereto, and conditioned that such uses are in the public interest and will not damage the highway facilities, impair safety, impede maintenance or in any way restrict the operation of the highway facility, all as determined from engineering and traffic investigations conducted by the state.

AGREEMENT

NOW, THEREFORE, in consideration of the premises and of the mutual covenants and agreements of the parties hereto to be by them respectively kept and performed as hereinafter set forth, it is agreed as follows:

1. DESIGN AND CONSTRUCTION

The City has provided the construction plans for the streetcar facility, and will provide for the construction work of the Streetcar Project as required by said plans. Said plans shall include the design of the access control, necessary horizontal and vertical clearances for highway structures, rail facilities, adequate landscape treatment, adequate detail to ensure compliance with applicable structural design standards, sufficient traffic control provisions, and general layout. The plans shall also delineate and define the construction and maintenance responsibilities of both parties hereto. Completed plans will be submitted to State for review and approval and when approved shall be attached to the agreement and made a part thereof in all respects. Construction shall not commence until plans have been approved by the State. Any future revisions or additions shall be made after prior written approval of the State. Any sidewalks, curb ramps, and other pedestrian elements to be constructed, either on or off site, by the City shall be in accordance with the requirements of Title II of the Americans With Disabilities Act (ADA) and with the Texas Accessibility Standards (TAS). Elements constructed by the City and found not to comply with ADA or TAS shall be corrected at the entire expense of the City.

2. INSPECTION

Ingress and egress shall be allowed at all times to such streetcar facility for Federal Highway Administration personnel and State Forces and equipment when highway maintenance operations are necessary, and for inspection purposes; and upon request, all parking or other activities for periods required for such operations will be prohibited.

3. PARKING REGULATIONS

Parking regulations shall be established limiting parking to single unit motor vehicles of size and capacity no greater than prescribed for 1¹/₂ ton trucks, such vehicles to conform in size and use to governing laws. Parking shall be permitted only in marked spaces.

Parking shall be prohibited when a security threat, as determined by TxDOT, exists.

4. PROHIBITION/SIGNS

Regulations shall be established prohibiting the parking of vehicles transporting flammable or explosive loads and prohibiting use of the area in any manner for peddling, advertising or other purposes not in keeping with the objective of a public facility. The erection of signs other than those

required for proper use of the area will be prohibited. All signs shall be approved by the State prior to the actual erection.

5. RESPONSIBILITIES

Timely maintenance, repair and operation of the streetcar facility shall be entirely the responsibility of the City. Such responsibility shall not be transferred, assigned or conveyed to a third party without the advanced written approval of the State, provided that nothing herein prohibits the City from obtaining the services of a contractor for the operation or for the maintenance of the streetcar facility after written notice thereof to the State. These responsibilities expressly include the timely maintenance and repair of any portion of the streetcar facility necessary to comply with the Americans with Disabilities Act. Further, such responsibility shall include picking up trash, mowing and otherwise keeping the streetcar facility in a clean and sanitary condition, and surveillance by police patrol to eliminate the possible creation of a nuisance or hazard to the public. Hazardous or unreasonably objectionable smoke, fumes, vapor or odors shall not be permitted to rise above the grade line of the highway, nor shall the streetcar facility subject the highway to hazardous or unreasonably objectionable dripping, droppings or discharge of any kind, including rain or snow.

If the State determines that City has failed to comply with these responsibilities, it will perform the necessary work and charge City the actual cost of the work.

6. FEES

Any fees levied by the City for use of the streetcar facilities, other than streetcar fares, in the area shall be nominal and no more than are sufficient to defray the cost of construction, maintenance and operations thereof, and shall be subject to State approval.

A. Retention Period. The City shall maintain all books, documents, papers, accounting records and other evidence pertaining to fees, other than the streetcar fares collected and costs (hereinafter called the Records). The City shall make the records available during the term of the Agreement and for four years from the date the Agreement is terminated, until completion of all audits, or until pending litigation has been completely and fully resolved, whichever occurs last.

B. Audit Report. If fees, other than the streetcar fares are collected by the City for the use of the streetcar facility under this agreement, the City will provide the State an annual audit report detailing the fees collected for the use of the streetcar facility and the costs associated with constructing, maintaining, and operating the streetcar facility within the same period. If the report shows more fees, other than the streetcar fares collected than expenses for the construction, operation, or maintenance of the streetcar facility the City must provide a multiple year plan detailing how the additional revenue will be used for construction, operation, or maintenance of the streetcar facility.

C. Availability. The State or any of its duly authorized representatives, the Federal Highway Administration, the United States Department of Transportation, Office of Inspector General,

and the Comptroller General shall have access to the City's records that are directly pertinent to this Agreement for the purpose of making audits and examinations.

7. TERMINATION UPON NOTICE

This provision is expressly made subject to the rights herein granted to both parties to terminate this agreement upon written notice, and upon the exercise of any such right by either party, all obligations herein to make improvements to said streetcar facility shall immediately cease and terminate and City shall be responsible for the streetcar facility's timely removal at no cost to the State. If the State determines that City has not complied with the plan approved under Paragraph 10 to remove the streetcar facility, it will perform the necessary work and charge City the actual cost of the work.

8. MODIFICATION/TERMINATION OF AGREEMENT

If in the sole judgment of the State it is found at any future time that traffic conditions have so changed that the existence or use of the streetcar facility is impeding maintenance, damaging the highway facility, impairing safety or that the streetcar facility is not being properly operated, that it constitutes a nuisance, is abandoned, or if for any other reason it is the State's judgment that such streetcar facility is not in the public interest, this agreement under which the streetcar facility was constructed may be : (1) modified if corrective measures acceptable to both parties can be applied to eliminate the objectionable features of the streetcar facility; or (2) terminated and the use of the area as proposed herein discontinued.

9. PROHIBITION OF STORAGE OF FLAMMABLE MATERIALS

All structures located or constructed within the area covered by the agreement shall be fire resistant. The storage of flammable, explosive or hazardous materials is prohibited. Operations deemed to be a potential fire hazard shall be subject to regulation by the State.

10. RESTORATION OF AREA

The City shall provide written notification to the State that such streetcar facility will be discontinued for the purpose defined herein. The City shall, within thirty (30) days from the date of said notification or notification from the State of the termination of this agreement, provide a plan to clear the area of all streetcar facilities that were its construction responsibility under this agreement. Upon approval of the plan, the City must comply with the approved plan and restore the area **within thirty (30) months of the approved plan** to a condition satisfactory to the State.

11. PREVIOUS AGREEMENTS

It is understood that this agreement in no way modifies or supersedes the terms and provisions of any existing agreements between the parties hereto.

12. INDEMNIFICATION

No party to this agreement intends to waive, relinquish, limit or condition its general governmental immunity from liability in any way.

Each party agrees and acknowledges that it is not an agent, servant, or employee of the other party. Each party is responsible only for its own acts and for those of its agents, servants, independent contractors or employees. Such responsibility includes, but is not limited to any claims or amounts arising or recovered under the "Workers Compensation Law," the Texas Tort Claims Act, Chapter 101, Texas Civil Practice and Remedies Code; or any other applicable laws or regulations, all as time to time may be amended.

Nothing in this agreement shall be construed as creating any liability in favor of any third party against the State and the City. Additionally, this agreement shall not ever be construed as relieving any third party from any liability in favor of the State and the City. Furthermore, the City shall become subrogated to the State's rights of recovery. Both, however, shall be entitled to maintain any action over and against any third party who may be liable for damages. Both parties agree to cooperate in the pursuit of any claims on behalf of the State or the City and to execute and deliver instruments and papers and to otherwise do that which is necessary to secure such rights.

13. INSURANCE

The City shall provide necessary safeguards to protect the public on State maintained highways including adequate insurance for payment of any damages which might result during the construction, maintenance, repair and operation of the streetcar facility. Prior to beginning work on the State's right of way, the construction contractor of the City or the Camino Real Regional Mobility Authority shall submit to the State a completed insurance form (TxDOT Form No. 1560) or appropriate certificate of self-insurance and shall maintain the required coverage during the construction of the streetcar facility.

14. USE OF RIGHT OF WAY

It is understood that the State by execution of this agreement does not impair or relinquish the State's right to use such land for highway purposes when it is required for the construction or re-construction of the traffic facility for which it was acquired, nor shall use of the land under such agreement ever be construed as abandonment by the State of such land acquired for highway purposes, and the State does not purport to grant any interest in the land described herein but merely consents to such use to the extent its authority and title permits.

15. ADDITIONAL CONSENT REQUIRED

The State asserts only that it has sufficient title for highway purposes. The City shall be responsible for obtaining such additional consent, permits or agreement as may be necessary due to this

agreement. This includes, but is not limited to, appropriate permits and clearances for environmental, ADA and public utilities.

16. FHWA ADDITIONAL REQUIREMENTS

If the Facility is located on the Federal-Aid Highway System, "ATTACHMENT A", which states additional requirements as set forth in the Federal Highway Administration's Title 23, Code of Federal Regulations, § 710, shall be attached to and become a part of this agreement.

17. CIVIL RIGHTS ASSURANCES

The City, for itself, its personal representatives, successors and interests and assigns, as part of the consideration hereof, does hereby covenant and agree as a covenant running with the land that: (1) no persons, on the grounds of race, color, sex, age, national origin, religion or disabling condition, shall be excluded from participation in, be denied the benefits of, or be otherwise subjected to discrimination in the use of said streetcar facility; (2) that in the construction of any improvements on, over or under such land and the furnishing of services thereon, no person on the ground of race, color, sex, age, national origin, religion or disabling condition, shall be excluded from participation in, denied the benefits of, or otherwise be subjected to discrimination; (3) that the City shall use the premises in compliance with all other requirements imposed by or pursuant to Title 49, Code of Federal Regulations, Department of Transportation, Subtitle A, Office of the Secretary, Part 21, Non-discrimination in Federally-Assisted programs of the Department of Transportation - Effectuation of Title VI of the Civil Rights Act of 1964, and as said Regulations may be amended.

That if in the event of any breach of the above non-discrimination covenants, the State shall have the right to terminate the agreement and reenter and repossess said land and the streetcar facilities thereon, and hold the same as if said agreement had never been made or issued.

18. AMENDMENTS

Any changes in the time frame, character or responsibilities of the parties hereto shall be enacted by a written amendment executed by both parties hereto.

19. LEGAL CONSTRUCTION

In case one or more of the provisions contained in this agreement shall for any reason be held invalid, illegal or unenforceable in any respect, such invalidity, illegality or unenforceability shall not affect any provision hereof and this agreement shall be construed as if such invalid, illegal, or unenforceable provision had never been contained in this agreement.

2016 JAN -6 PM 2:16

List of Attached Exhibits:

- Exhibit A – General Layout
 Exhibit B – Control Sheet and Plan and Profile Sheets
 Exhibit C – Approved Construction Plans
 Exhibit D – Certificate of Insurance (TxDOT Form 1560)
 Exhibit E – Attachment A (FHWA Additional Requirements)

IN WITNESS WHEREOF, the parties have hereunto affixed their signature, the _____
 _____ on the _____ day of _____, 20____, and the State
 on the _____ day of _____, 20_____.

City of El Paso, Texas
 (Name of other party)

By: _____
 Title

Printed Name

Date

Contact Office and Telephone No.

STATE OF TEXAS

Executed and approved for the Texas
 Transportation Commission for the purpose
 and effect of activating and/or carrying out
 the orders, and established policies or work
 programs heretofore approved and
 authorized by the Texas Transportation
 Commission.

By: Michael Lee, P.E.
 Director, Maintenance Division

Printed Name

Date

APPROVED AS TO FORM:

Theresa Cullen

Signature

Theresa Cullen

Printed Name

APPROVED AS TO CONTENT:

Signature

Signature

APPROVAL RECOMMENDED

District Engineer

Robert Bielek, DPA, P.E.

Printed Name

Date

20. AUDIT

The State may conduct an audit or investigation of any aspect of this agreement. The City must provide the State with access to any information the State considers relevant to the investigation or audit. The audit can include, but is not limited to, any contract for construction or maintenance of any facility or structure authorized by this agreement or any contract to provide a service to the City if that service is authorized by this agreement.

21. AUTHORITY OF STATE AUDITOR

The state auditor may conduct an audit or investigation of any entity receiving funds from the state directly under the contract or indirectly through a subcontract under the contract. Acceptance of funds directly under the contract or indirectly through a subcontract under this contract acts as acceptance of the authority of the state auditor, under the direction of the legislative audit committee, to conduct an audit or investigation in connection with those funds. An entity that is the subject of an audit or investigation must provide the state auditor with access to any information the state auditor considers relevant to the investigation or audit.

22. NOTICES

All notices required under this agreement shall be mailed or hand delivered to the following respective addresses:

STATE

Texas Department of Transportation
Maintenance Division
125 East 11th Street
Austin, Texas 78701-2483

City of El Paso

City of El Paso

Attn: City Manager

P. O. Box 1890

El Paso, Texas 79950-1890

23. TIMELY PAYMENT

When required by any provision of this agreement requires a payment to be made to the State, the other party hereto shall within **ninety (90) days** from receipt of the State's written notification pay the State for the full cost of repairing any damages to the highway facility which may result from the other party's construction, maintenance, repair or operation of the facility.

24. WARRANTS

The signatories to this agreement warrant that each has the authority to enter into this agreement on behalf of the party represented.

EXHIBIT A
GENERAL LAYOUT

CAMINO REAL REGIONAL MOBILITY AUTHORITY

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2-10	INDEX OF SHEETS

TxDOT MUA - Exhibit A
IH-10 at Oregon St and IH-10 at Stanton St

REGISTERED ACCESSIBILITY SPECIALIST (RAS)
INSPECTION REQUIRED
TDLR No. EABPRJB5819210

REQUIRED SIGNS SHALL BE IN ACCORDANCE WITH
BC (11)- 14 THRU BC (12)- 14 AND THE "TEXAS
MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES".

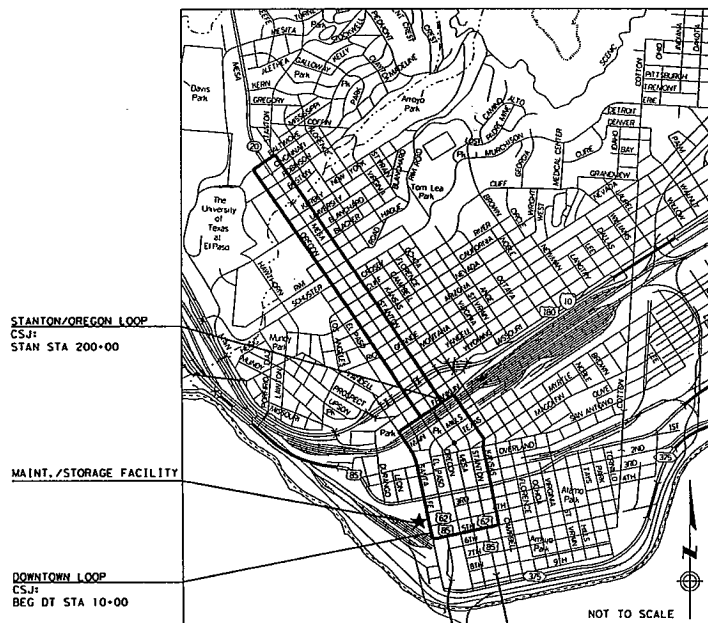
PLANS OF PROPOSED URBAN STREETCAR

PROJECT NO. ()

CITY OF EL PASO STREETCAR EL PASO COUNTY

VOLUME 1 OF 4 - CIVIL/TRACK

FOR THE CONSTRUCTION OF AN URBAN STREETCAR SYSTEM CONSISTING OF
GRADING, STRUCTURES, SURFACE AND SUBSURFACE IMPROVEMENTS,
TRACKWORK, AND MAINTENANCE/STORAGE FACILITY



STANTON/OREGON LOOP
CSJH
STAN STA 200+00

MAINT./STORAGE FACILITY

DOWNTOWN LOOP
CSJH
BEG DT STA 10+00

NOT TO SCALE

LIMITS:

DOWNTOWN LOOP LIMITS:

FROM INTERSECTION OF FATHER RAHM AVE AND SANTA FE ST, ALONG
SANTA FE ST TO FRANKLIN AVE, ALONG FRANKLIN AVE TO KANSAS ST,
ALONG KANSAS ST TO FATHER RAHM AVE, ALONG FATHER RAHM AVE TO
SANTA FE ST.

STANTON/OREGON LOOP LIMITS:

FROM INTERSECTION OF STANTON ST AND FRANKLIN AVE, ALONG
STANTON TO BALTIMORE DR, ALONG BALTIMORE DR TO OREGON ST,
ALONG OREGON ST TO FRANKLIN AVE.

Exhibit A - Page 1

STATE PROJECT NO.			
()			
CONF	SEC	JOB	HIGHWAY
0924	06	446	VARIOUS
DIST	COUNTY	SHEET NO.	
EL PASO	EL PASO	1	

FINAL PLANS

LETTING DATE: _____
DATE CONTRACTOR BEGAN WORK: _____
DATE WORK WAS COMPLETED & ACCEPTED: _____
FINAL CONTRACT COST: \$ _____
CONTRACTOR: _____

URS

2829 Montana Suite 206
El Paso, Texas 79903
(951) 493-6468

TBPE REGISTRATION NO. F-3162



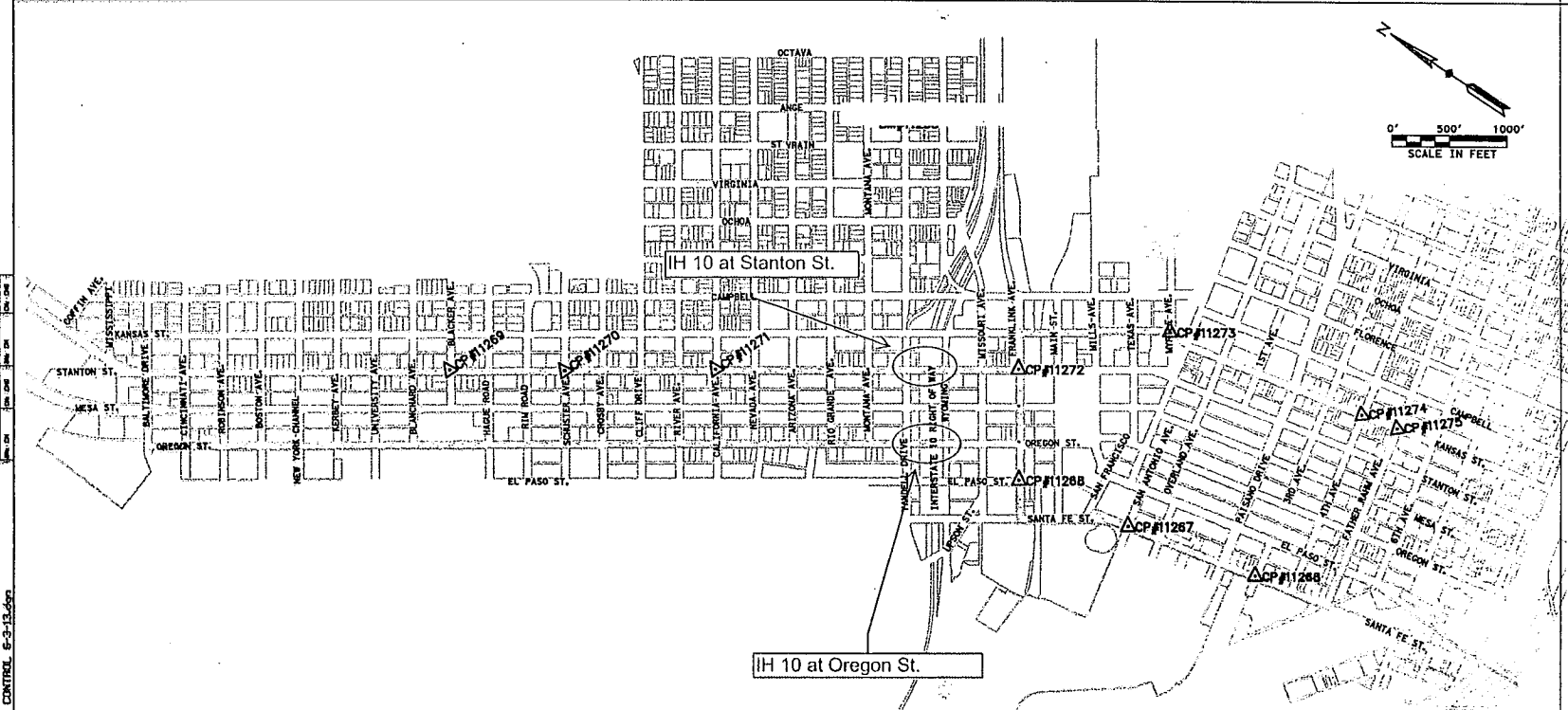
CAMINO REAL
REGIONAL MOBILITY
AUTHORITY

SUBMITTED FOR LETTING: _____

PROJECT MANAGER
CAMINO REAL REGIONAL MOBILITY AUTHORITY

COUNTY, NO. _____
Hwy. No. _____
PROJ. NO. _____
LETTING DATE _____
DATE ACCEPTED _____

DATE: 06-02-13 5:49 PM
FILE: K:\2012\STREETCAR-EL PASO-EL PASO-CAR-STREETCAR-1-8 Final\PLAT UTILITIES\1147 CONTROL 6-2-13.dwg



Intersection callouts were added to plan sheets by URS to aid in the clarification of the locations where Multiple Use Agreements are being requested

IT'S THE LAW
AND IT'S FREE - CALL BEFORE YOU DIG
CALL TWO WORKING DAYS BEFORE YOU DIG IN TEXAS
1-800-344-8377
(1-800-DIG-TESS)

ES LA LEY
GRATIS PARA USTED - LLAME ANTES DE EXCAVAR
LLAME 2 DIAS DE TRABAJO ANTES DE EXCAVAR EN TEXAS
1-800-344-8377
(1-800-DIG-TESS)

BENCHMARKS				
BM #	DESCRIPTION	NORTHING (Y)	EASTING (X)	ELEVATION (Z)
11265	FOUND BRASS CAP - NGS MONUMENT "P146"	10659667.26	385723.73	3742.24

CONTROL POINTS				
CP #	DESCRIPTION	NORTHING (Y)	EASTING (X)	ELEVATION
11266	FOUND CITY MONUMENT AT INTERSECTION OF SANTA FE ST. & 3RD AVE.	10654632.82	384281.54	3789.92
11267	FOUND CITY MONUMENT AT INTERSECTION OF SANTA FE ST. & SAN ANTONIO AVE.	10655793.25	383949.68	3711.85
11268	FOUND CITY MONUMENT AT INTERSECTION OF EL PASO ST. & FRANKLIN AVE.	10656894.91	383757.25	3738.39
11269	FOUND CITY MONUMENT AT INTERSECTION OF STANTON ST & BLACKER AVE.	10661467.74	381826.16	3925.85
11270	FOUND CITY MONUMENT AT INTERSECTION OF STANTON ST & SCHUSTER AVE.	10668631.47	382374.88	3886.79
11271	FOUND CITY MONUMENT AT INTERSECTION OF STANTON ST & CALIFORNIA AVE.	10669548.84	383111.86	3794.98
11272	FOUND CITY MONUMENT AT INTERSECTION OF STANTON ST & FRANKLIN AVE.	10657355.27	384579.35	3732.88
11273	FOUND CITY MONUMENT AT INTERSECTION OF KANSAS ST & MYRTLE AVE.	10656442.44	385587.96	3718.28
11274	FOUND CITY MONUMENT AT INTERSECTION OF KANSAS ST & 4TH AVE.	10654649.39	385899.98	3787.83
11275	FOUND CITY MONUMENT AT INTERSECTION OF KANSAS ST & FATHER RAHM AVE.	10654326.34	385967.17	3786.86

Exhibit A - Page 2

LEGEND

BENCHMARK
 CONTROL POINT

NOTE:

1. HORIZONTAL CONTROL: VAPPING COORDINATES AND BEARINGS ARE REFERENCED TO THE TEXAS COORDINATE SYSTEM, NORTH TEXAS CENTRAL ZONE 4203, NAD83, UNIT OF MEASURE: U.S. SURVEY FOOT. COORDINATES SHOWN HEREON ARE GRID (STATE PLANE).

2. VERTICAL CONTROL IS BASED ON NAVD 88 DATUM, ELEVATION RECOVERED FROM NGS MONUMENT:

BM 11265
DESIGNATION: P 146

DESCRIPTION:
IH EL PASO, AT THE INTERSECTION OF ANGE ST. AND MONTANA AVE., IN A CONCRETE CURB ALONG THE SOUTHEAST SIDE OF THE AVENUE, 19.2 M (63.0 FT) SOUTHWEST OF THE STREET CENTER, 1.6 M (5.2 FT) SOUTHWEST OF AND LEVEL WITH THE AVENUE CENTERLINE, AND 5.5 M (18.0 FT) SOUTHWEST OF A UTILITY POLE.

ELEVATION = 3742.24

NO.	DATE	REVISION	BY

FRANK X. SPORCK & ASSOCIATES, INC.
1225 NORTH MAIN AVE.
EL PASO, TX 79902
TEL: (915) 532-4400
FAX: (915) 533-4873
www.fxa.com

FXA

URS
2829 Montana Suite 206
El Paso, Texas 79903
(915) 493-6400
TECH. REGISTRATION NO. F-3782

COEP STREETCAR
CONTROL SHEET

C180

DATE	REVISION	JOB	REVISION

CITY COUNTY DISTRICT NO.

EL PASO EL PASO 30

EXHIBIT B
CONTROL SHEET AND PLAN AND
PROFILE SHEET

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2-10	INDEX OF SHEETS

TxDOT MUA - Exhibit B
IH-10 at Oregon St and IH-10 at Stanton St

REGISTERED ACCESSIBILITY SPECIALIST (RAS)
INSPECTION REQUIRED
TDLR No. EABPRJB5819210

REQUIRED SIGNS SHALL BE IN ACCORDANCE WITH
BC (1) - 14 THRU BC (12) - 14 AND THE "TEXAS
MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES".

CAMINO REAL REGIONAL MOBILITY AUTHORITY

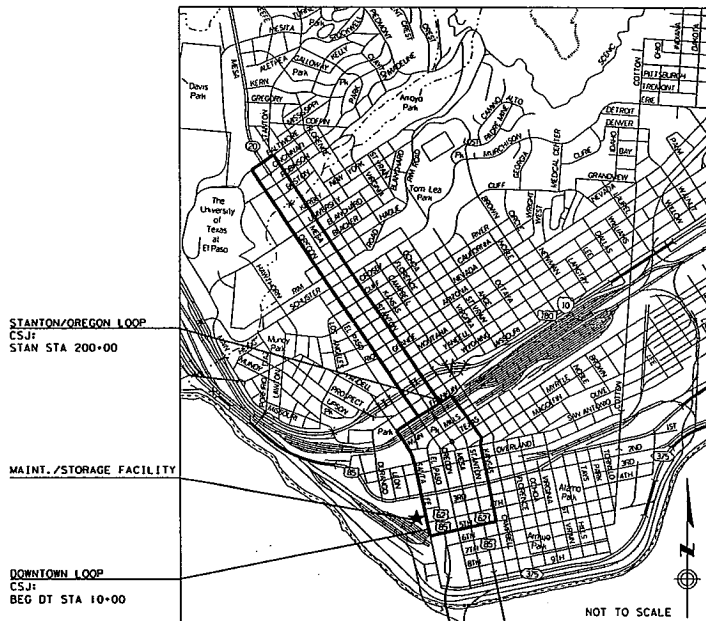
PLANS OF PROPOSED URBAN STREETCAR

PROJECT NO. ()

CITY OF EL PASO STREETCAR EL PASO COUNTY

VOLUME 1 OF 4 - CIVIL/TRACK

FOR THE CONSTRUCTION OF AN URBAN STREETCAR SYSTEM CONSISTING OF
GRADING, STRUCTURES, SURFACE AND SUBSURFACE IMPROVEMENTS,
TRACKWORK, AND MAINTENANCE/STORAGE FACILITY



STANTON/OREGON LOOP
CSJ: STAN STA 200+00

MAINT./STORAGE FACILITY

DOWNTOWN LOOP
CSJ: BEG DT STA 10+00

LIMITS:

DOWNTOWN LOOP LIMITS:

FROM INTERSECTION OF FATHER RAHM AVE AND SANTA FE ST, ALONG
SANTA FE ST TO FRANKLIN AVE, ALONG FRANKLIN AVE TO KANSAS ST,
ALONG KANSAS ST TO FATHER RAHM AVE, ALONG FATHER RAHM AVE TO
SANTA FE ST.

STANTON/OREGON LOOP LIMITS:

FROM INTERSECTION OF STANTON ST AND FRANKLIN AVE, ALONG
STANTON TO BALTIMORE DR, ALONG BALTIMORE DR TO OREGON ST,
ALONG OREGON ST TO FRANKLIN AVE.

Exhibit B - Page 1

STATE PROJECT NO.				
()				
COUNTY	SECTION	JOB	HIGHWAY	
9924	06	446	VARIOUS	
DIST	COUNTY		SHEET NO.	
EL PASO	EL PASO		1	

FINAL PLANS

LETTING DATE: _____
DATE CONTRACTOR BEGAN WORK: _____
DATE WORK WAS COMPLETED & ACCEPTED: _____
FINAL CONTRACT COST: \$ _____
CONTRACTOR: _____

URS

2829 Montana Suite 206
El Paso, Texas 79903
(951) 493-6468

TBPE REGISTRATION NO. F-3162



CAMINO REAL
REGIONAL MOBILITY
AUTHORITY

SUBMITTED FOR LETTING: _____

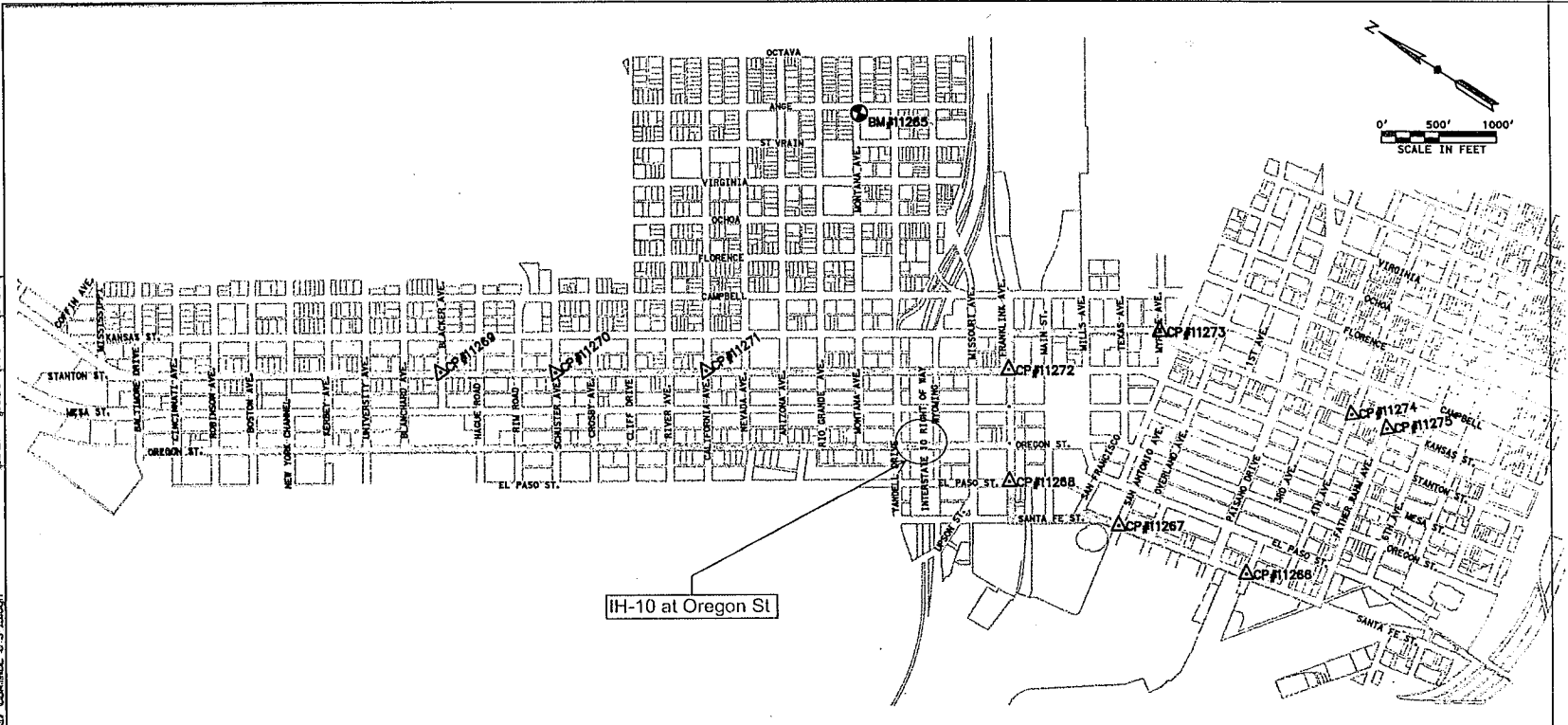
PROJECT MANAGER
CAMINO REAL REGIONAL MOBILITY AUTHORITY

COUNTY: _____ PROJ. NO.: _____
Hwy. NO.: _____ LETTING DATE: _____
DATE ACCEPTED: _____

DATE: 08-20-13 5:08 PM FILE: ACWZ\STZ\08-EL-PASO-C&G-STREET\2014-8 Final PLANTING LINES EXIST CONTROL 6-2-13.dwg

IT'S THE LAW
AND IT'S FREE - CALL BEFORE YOU DIG
CALL TWO WORKING DAYS BEFORE YOU DIG IN TEXAS 1-800-344-8377
(1-800-DIG-TESS)

ES LA LEY
GRATIS PARA USTED - LLAME ANTES DE EXCAVAR
LLAME 2 DIAS DE TRABAJO ANTES DE EXCAVAR EN TEXAS 1-800-344-8377
(1-800-DIG-TESS)



BENCHMARKS				
BM #	DESCRIPTION	NORTHING (1)	EASTING (X)	ELEVATION (Z)
11265	FOUND BRASS CAP - NGS MONUMENT "P146"	18659667.26	385723.73	3742.24

CONTROL POINTS				
CP #	DESCRIPTION	NORTHING (Y)	EASTING (X)	ELEVATION
11266	FOUND CITY MONUMENT AT INTERSECTION OF SANTA FE ST. & 3RD AVE.	18654632.82	384281.54	3789.92
11267	FOUND CITY MONUMENT AT INTERSECTION OF SANTA FE ST. & SAN ANTONIO AVE.	18655793.25	383949.58	3711.85
11268	FOUND CITY MONUMENT AT INTERSECTION OF EL PASO ST. & FRANKLIN AVE.	18656884.91	383757.25	3738.39
11269	FOUND CITY MONUMENT AT INTERSECTION OF STANTON ST & BLACKER AVE.	18661467.74	381826.16	3925.85
11270	FOUND CITY MONUMENT AT INTERSECTION OF STANTON ST & SCHUSTER AVE.	18668631.47	382374.88	3886.79
11271	FOUND CITY MONUMENT AT INTERSECTION OF STANTON ST & CALIFORNIA AVE.	18659548.84	383111.86	3794.98
11272	FOUND CITY MONUMENT AT INTERSECTION OF STANTON ST & FRANKLIN AVE.	18657355.27	384579.35	3732.88
11273	FOUND CITY MONUMENT AT INTERSECTION OF KANSAS ST & MYRTLE AVE.	18655442.44	385587.96	3718.28
11274	FOUND CITY MONUMENT AT INTERSECTION OF KANSAS ST & 4TH AVE.	18654649.39	385899.98	3787.83
11275	FOUND CITY MONUMENT AT INTERSECTION OF KANSAS ST & FATHER RAHM AVE.	18654326.34	385967.17	3786.86

LEGEND

BENCHMARK
 CONTROL POINT

NOTE:

1. HORIZONTAL CONTROL: MAPPING COORDINATES AND BEARINGS ARE REFERENCED TO THE TEXAS COORDINATE SYSTEM, NORTH TEXAS CENTRAL ZONE 4203, NAD83, UNIT OF MEASURE: U.S. SURVEY FOOT. COORDINATES SHOWN HEREON ARE GRID (STATE PLANE).

2. VERTICAL CONTROL IS BASED ON NAVD 83 DATUM, ELEVATION RECOVERED FROM NGS MONUMENT:

BM#11265
DESIGNATION: P 146

DESCRIPTION:
IN EL PASO, AT THE INTERSECTION OF ANGE ST. AND MONTANA AVE., IN A CONCRETE CURB ALONG THE SOUTHEAST SIDE OF THE AVENUE, 19.2 M (63.0 FT) SOUTHWEST OF THE STREET CENTER, 7.6 M (24.9 FT) SOUTHEAST OF AND 1.6 M (5.2 FT) SOUTHWEST OF THE CENTERLINE, AND 5.5 M (18.0 FT) SOUTHWEST OF A UTILITY POLE.

ELEVATION = 3742.24

NO.	DATE	REVISION	BY
1	11/11/13		
2	11/11/13		
3	11/11/13		
4	11/11/13		

FRANK X. SPENCER & ASSOCIATES, INC.
Surveying and Engineering & Mapping
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EL PASO, TX 79902
TEL: (915) 533-4400
FAX: (915) 533-4473
www.fxsai.com

URS
2829 Montana Suite 206
El Paso, Texas 79903
(915) 426-6480
TXS REGISTRATION NO. 7-282

COEP STREETCAR
CONTROL SHEET

CDIST	SECT	JOB	REMARK
EL PASO	EL PASO	30	VARIOUS

DATE: 6/18/2015 5:29:14 PM
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DATE: 6/18/2015 5:29:14 PM
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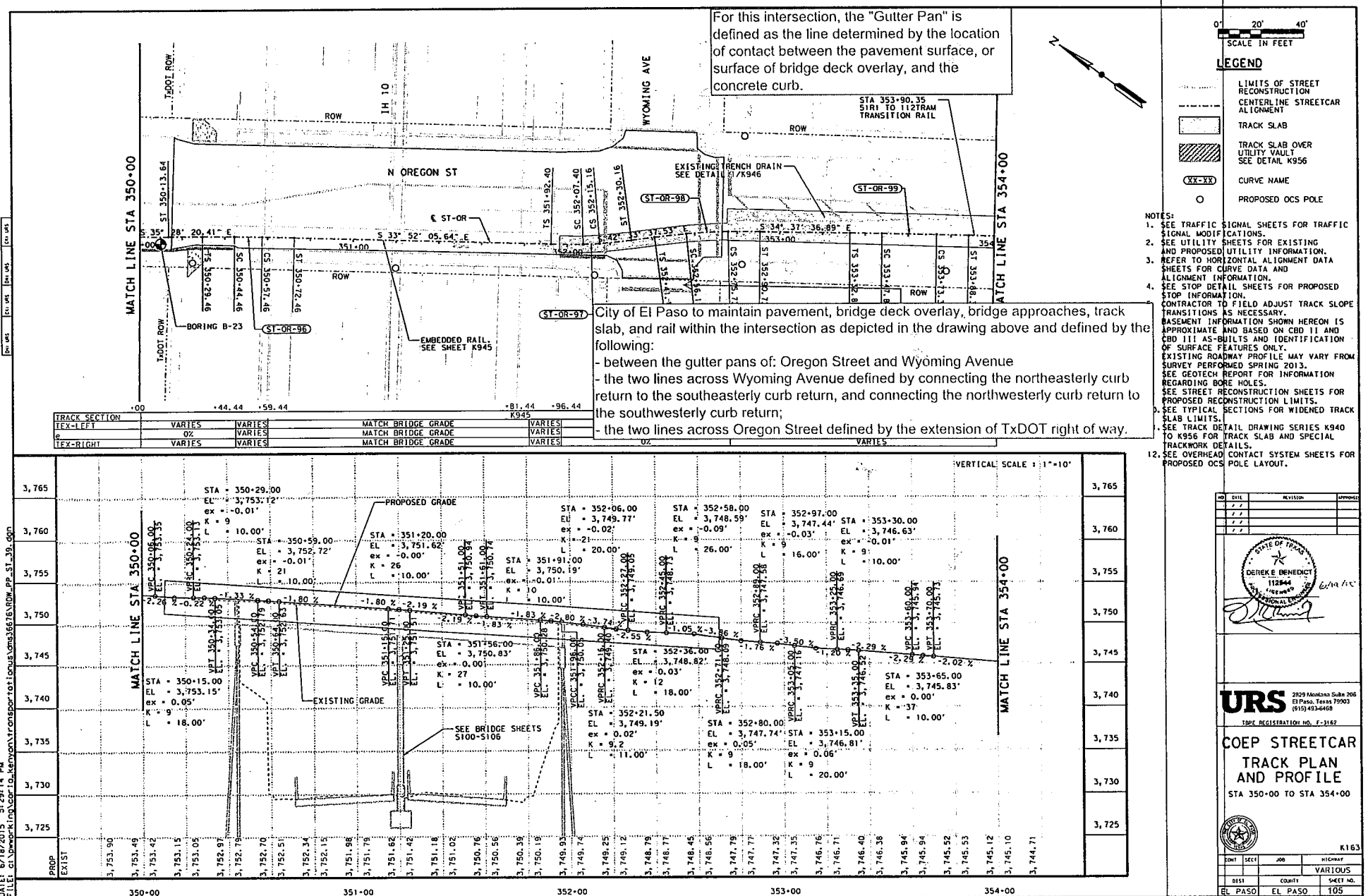
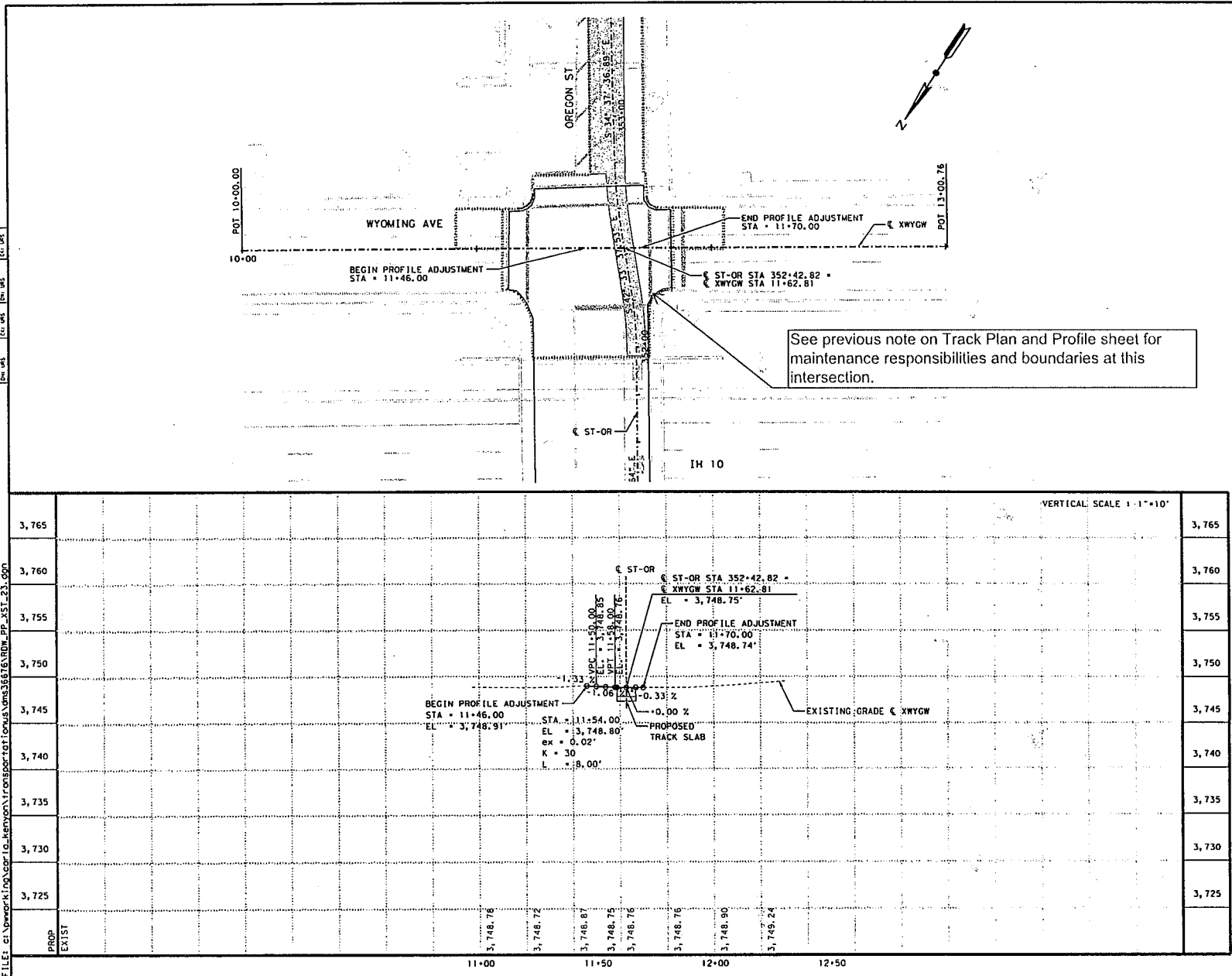


Exhibit B - Page 3

DATE: 6/18/2015 5:37:07 PM
FILE: c:\pwworking\cor-10-kern\project\10-kern\transportation\361616\DWG_PP_XST-23.dwg



0 20' 40'
SCALE IN FEET

LEGEND

- LIMITS OF STREET RECONSTRUCTION
- CENTERLINE STREETCAR ALIGNMENT
- TRACK SLAB
- TRACK SLAB OVER UTILITY VAULT SEE DETAIL K956
- CURVE NAME
- PROPOSED OCS POLE

- NOTES:
1. SEE TRAFFIC SIGNAL SHEETS FOR TRAFFIC SIGNAL MODIFICATIONS.
 2. SEE UTILITY SHEETS FOR EXISTING AND PROPOSED UTILITY INFORMATION.
 3. REFER TO HORIZONTAL ALIGNMENT DATA SHEETS FOR CURVE DATA AND ALIGNMENT INFORMATION.
 4. SEE STOP DETAIL SHEETS FOR PROPOSED STOP INFORMATION.
 5. CONTRACTOR TO FIELD ADJUST TRACK SLOPE TRANSITIONS AS NECESSARY.
 6. BASEMENT INFORMATION SHOWN HEREON IS APPROXIMATE AND BASED ON CBD 11 AND CBD 111 AS-BUILTS AND IDENTIFICATION OF SURFACE FEATURES ONLY.
 7. EXISTING ROADWAY PROFILE MAY VARY FROM SURVEY PERFORMED SPRING 2013.
 8. SEE GEOTECH REPORT FOR INFORMATION REGARDING BORE HOLES.
 9. SEE STREET RECONSTRUCTION SHEETS FOR PROPOSED RECONSTRUCTION LIMITS.
 10. SEE TYPICAL SECTIONS FOR WIDENED TRACK SLAB LIMITS.
 11. SEE TRACK DETAIL DRAWING SERIES K940 TO K956 FOR TRACK SLAB AND SPECIAL TRACKWORK DETAILS.
 12. SEE OVERHEAD CONTACT SYSTEM SHEETS FOR PROPOSED OCS POLE LAYOUT.

DATE	REVISION	APPROVED

DEREKE BENEDICT
112544
LICENSED PROFESSIONAL ENGINEER
STATE OF TEXAS

URS 2829 Montansu Suite 206
El Paso, Texas 79903
(915) 493-6468

TYPE REGISTRATION NO. F-3162

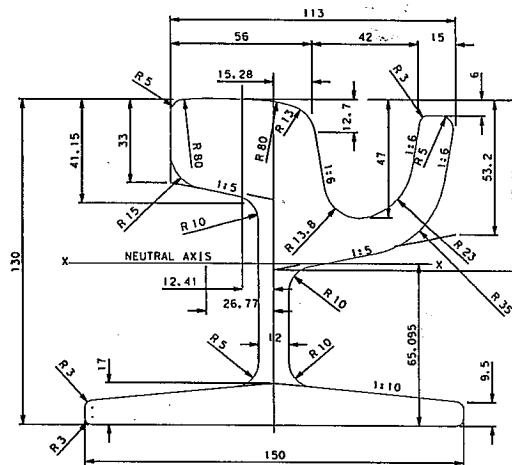
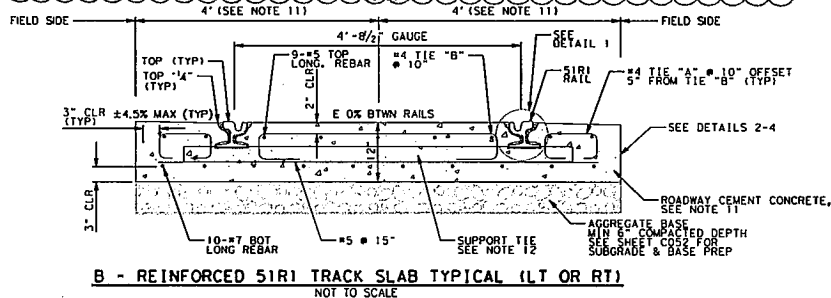
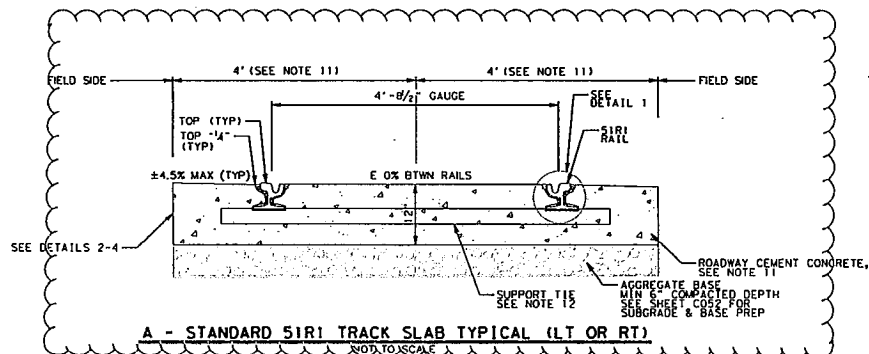
**COEP STREETCAR
CROSS STREET
PLAN AND
PROFILE**

WYOMING AVE & OREGON ST

K222

CDMT	SECT	JOB	HIGHWAY
			VARIOUS

DIST	COUNTY	SHEET NO.
EL PASO	EL PASO	120

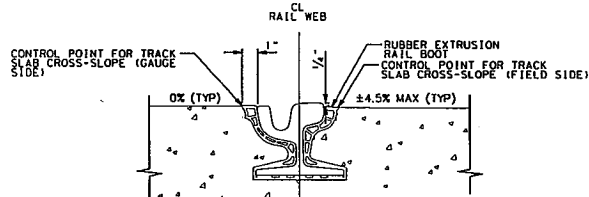


NOTE: DIMENSIONS ARE IN MILLIMETERS

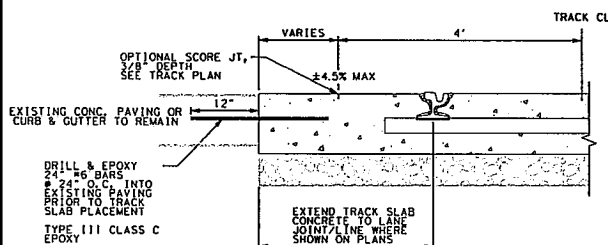
51R1 RAIL
NOT TO SCALE

GENERAL NOTES

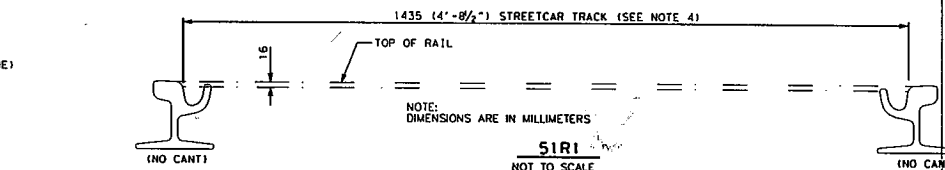
1. CONCRETE SHALL BE ROADWAY CEMENT CONCRETE UNLESS NOTED OTHERWISE.
2. REINFORCING SHALL BE UNCOATED DEFORMED BARS WITH A MINIMUM YIELD STRENGTH OF 60,000 PSI.
3. REINFORCING COVER SHALL BE 3" MINIMUM AT BASE AND SIDES OF TRACK SLAB AND 2" MINIMUM ON TOP.
4. TYPICAL TRACK GAUGE SHALL BE 4'-8 1/2".
5. AGGREGATE BASE AS REQUIRED IN SPECIFICATIONS AND AS SHOWN ON THE ROAD TYPICALS (SHEET C052)
6. JOINT GROOVES PLACED TRANSVERSELY ACROSS TRACK SLAB SHALL BE PLACED ABOVE EVERY SUPPORT TIE. GROOVE DEPTH = 3/8" MINIMUM.
7. PROPOSED PROFILE IS TOP OF LOW RAIL.
8. TOP OF CONCRETE ON FIELD SIDE OF RAIL SHALL BE 1/4" BELOW TOP OF RAIL ELEVATION.
9. TRACK PLANS INDICATE WHICH CURVES ARE SUPERELEVATED.
10. COORDINATE TRACTION POWER OR SIGNAL BOND LOCATIONS WITH SYSTEMS CONTRACTOR PRIOR TO POURING CONCRETE INFILL. SEE DWG J670 FOR BONDING BLOCKOUT DETAILS.
11. SEE TRACK PLAN FOR LIMITS OF REINFORCED TRACK SLAB, WIDENED TRACK SLAB AND TRANSITION RAILS. FOR VARIABLE SLAB WIDTHS ADJACENT TO EXISTING CONCRETE PAVING SEE DETAIL B THIS SHEET.
12. SUPPORT TIES SHALL BE SPACED AT 10 FOOT INTERVALS ON TANGENTS AND CURVES WITH A RADIUS LARGER THAN 500 FEET. FOR CURVES WITH A RADIUS OF 500 FEET OR LESS, SUPPORT TIES SHALL BE PLACED AT 5 FOOT INTERVALS.



DETAIL 1 - 51R1 RAIL WITH BOOT
NOT TO SCALE

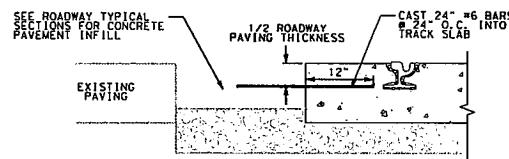


DETAIL 2 - TRACK SLAB ADJ. TO EX. CONC. PAVING
NOT TO SCALE

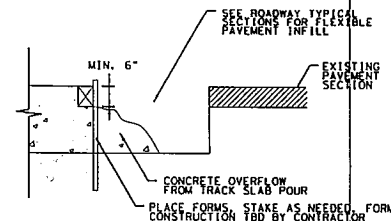


NOTE: DIMENSIONS ARE IN MILLIMETERS

51R1
NOT TO SCALE



DETAIL 3 - TRACK SLAB ADJ. TO PROPOSED CONC. PAVING
NOT TO SCALE



DETAIL 4 - TRACK SLAB ADJACENT TO PROPOSED FLEXIBLE PAVEMENT
NOT TO SCALE

NO.	DATE	REVISION	APPROVED
1	7/27/15		
2			
3			
4			

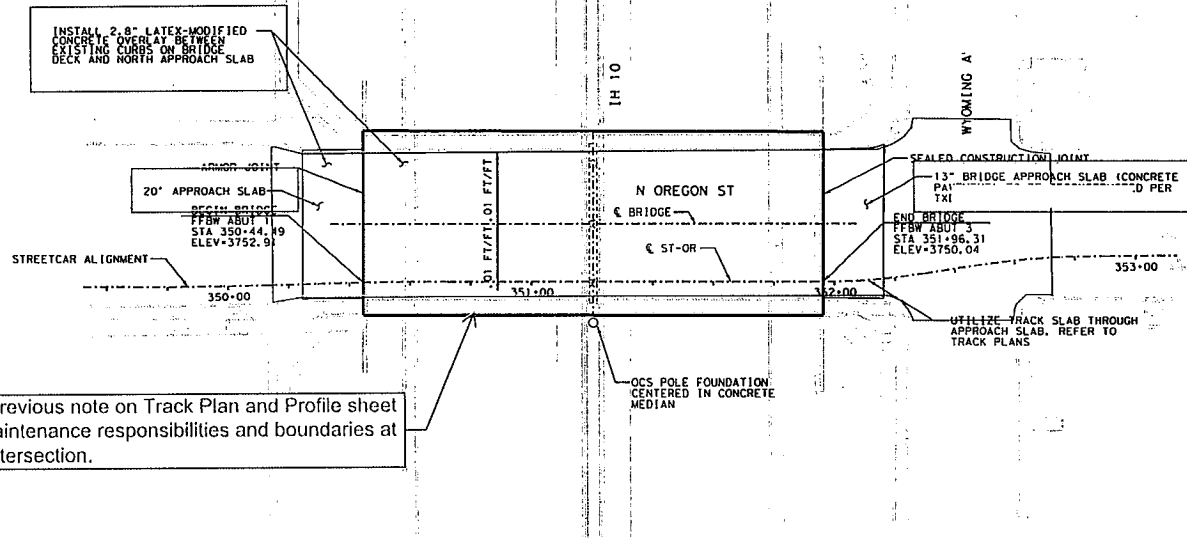
DEREK E. BENEDECY
112544
MECHANICAL

URS 2020 Mountain State 703
El Paso, Texas 79903
(915) 493-6465

COEP STREETCAR TRACK SLAB DETAILS

K940

DATE	SECT	JOB	REVISION
08/24/06	446	VARIOUS	
01/11	0001	0401	
EL PASO	EL PASO	122	

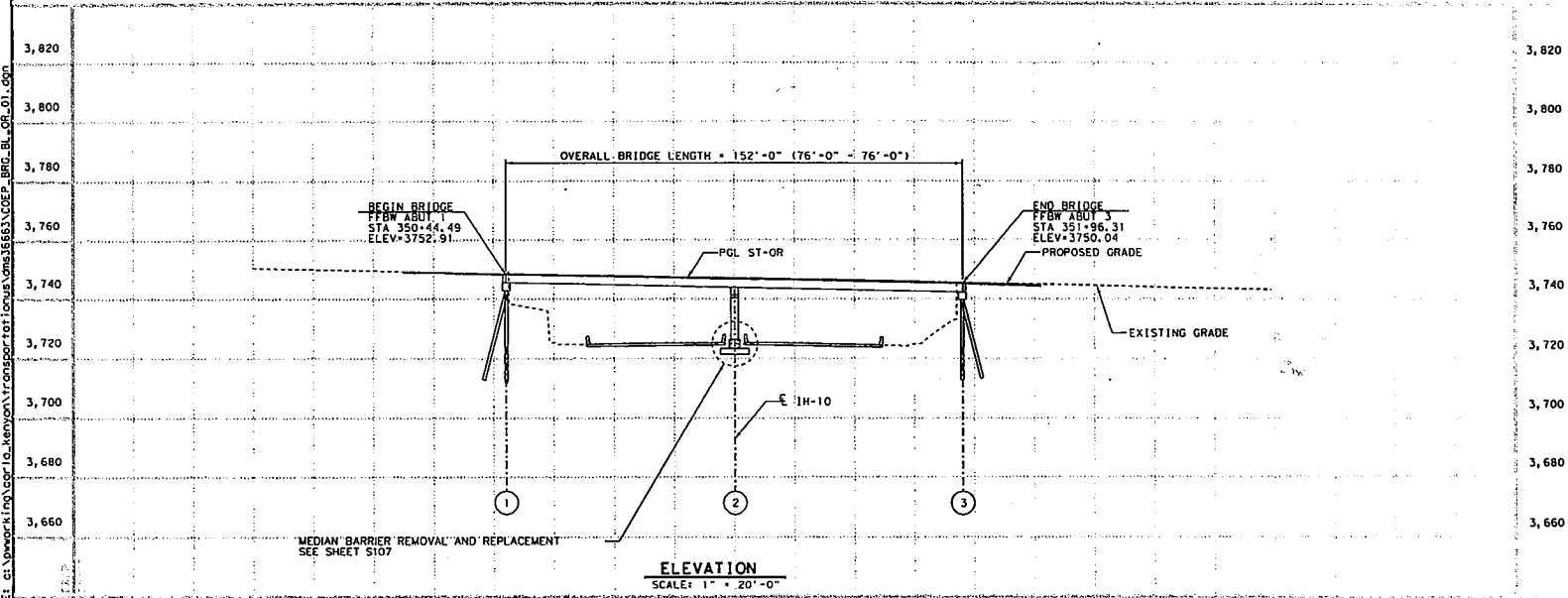
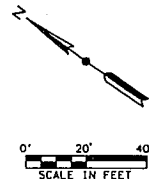


See previous note on Track Plan and Profile sheet for maintenance responsibilities and boundaries at this intersection.

PLAN
SCALE: 1" = 20'-0"

ESTIMATED QUANTITIES			
0422-6015	0430-2172	0439-XXXX	0442-2048
APPROACH SLAB	CL 'C' CONCRETE FOR EXT. STR. (BENT)	LATEX-MODIFIED CONC OVERLAY (2.8")	STRUCT. STEEL (MISC. NON-BRIDGE)
CY	CY	SY	LB
40 ③	0.9	956 ①	527 ②

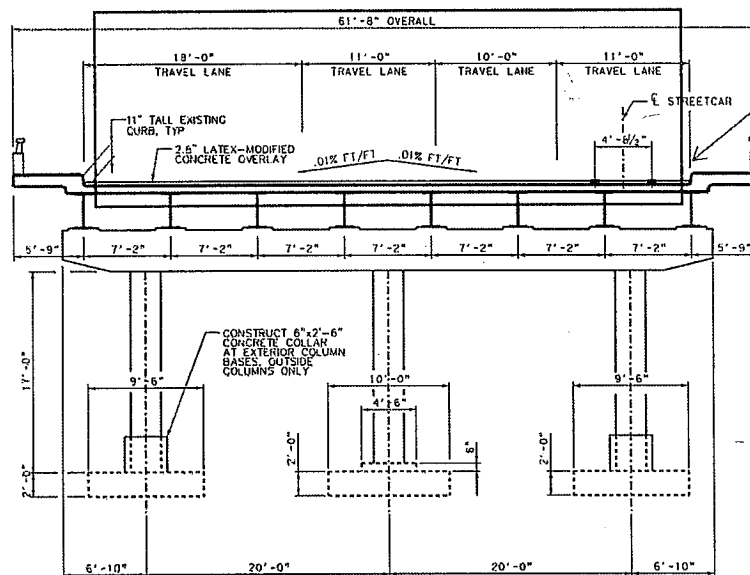
- ① INCLUDES OVERLAY ON BRIDGE DECK AND APPROACH SLABS
- ② ARMOR JOINT
- ③ 13" CONCRETE APPROACH SLAB



ELEVATION
SCALE: 1" = 20'-0"

DATE	REVISION	APPROVED
7/24/2015		
URS 2829 Montana Suite 205 El Paso, Texas 79903 (915) 493-6468 TEXAS REGISTRATION NO. F-3162		
COEP STREETCAR OREGON STREET UNDERPASS PLAN & PROFILE		
DATE	DESCRIPTION	BY
09/24/06	446	VARIOUS
01/11	COUNTY	SHEET NO.
EL PASO	EL PASO	687

DATE: 7/24/2015 6:06:00 PM
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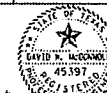


See previous note on Track Plan and Profile sheet for maintenance responsibilities and boundaries at this intersection.

TYPICAL SECTION - OREGON STREET UNDERPASS

NOT TO SCALE
DIMENSIONS SHOWN FROM ORIGINAL CONTRACT PLANS

NO.	DATE	REVISION	BY
1	6-7-2013		



David M. Macdonald
6-7-2013

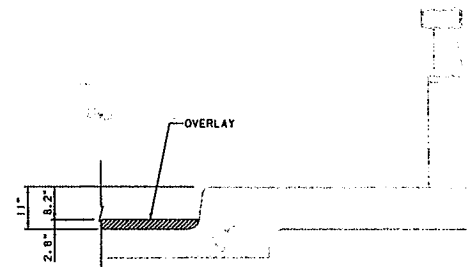
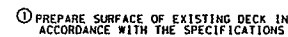
URS 2849 Liberosa Suite 700
El Paso, Texas 79903
(915) 493-6400

TYPE REGISTRATION NO. E-3162

COEP STREETCAR
OREGON STREET
UNDERPASS
TYPICAL SECTION



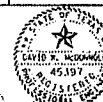
SHEET	5101
DATE	VARIOUS
BY	EL PASO
CHECKED	EL PASO
DATE	688



OVERLAY CURB DETAIL
NOT TO SCALE

1. OVERLAY EXISTING BRIDGE DECKS AND NORTHERN APPROACH SLABS BETWEEN EXISTING CURBS.
2. SEE JOINT DETAILS FOR OREGON STREET & STANTON STREET UNDERPASSES FOR MODIFICATIONS TO EXISTING BRIDGE DECK JOINTS.

NO	DATE	REVISION	BY
1	11/11/11		
2	11/11/11		
3	11/11/11		
4	11/11/11		



0.7-2013

URS

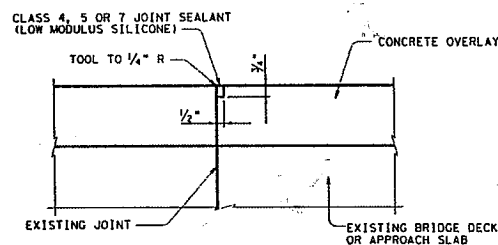
6242 Avenida Sur 20
 El Paso, Texas 79903
 (915) 493-0460

COEP STREETCAR
OREGON STREET &
STANTON STREET
UNDERPASSES
BRIDGE
OVERLAY DETAILS



510

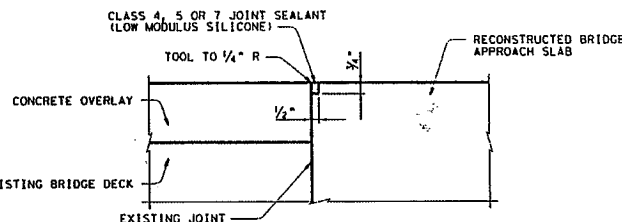
DATE	TIME	LOCATION	REMARKS
			VARIOUS
DISP	COMPT	SHEET NO	
EL PASO	EL PASO	691	



NOT TO SCALE

1. PROVIDE ARMOR JOINTS AT LOCATIONS INDICATED ON THE BRIDGE LAYOUT.
2. WEIGHTS P.L.F. FOR ONE ARMOR JOINT AT OREGON STREET UNDERPASS = 10.8 lb/ft.
3. WEIGHTS P.L.F. FOR ONE ARMOR JOINT AT STANTON STREET UNDERPASS = 13.5 lb/ft.

- ① DO NOT PAINT PLATE.
- ② SET TOP OF BACKER ROD 1" BELOW TOP OF ARMOR PLATE. BACKER ROD MUST BE COMPATIBLE WITH JOINT SEALANT. USE OF MULTIPLE LAYERS TO OBTAIN A BACKER ROD CROSS SECTION IS NOT PERMITTED. TOP OF BACKER ROD MUST BE CONVEX AS SHOWN.
- ③ BLAST CLEAN ENTIRE CONTACT AREA BETWEEN SEALANT AND PLATE (SSPC-SP10) BEFORE INSTALLING SEALANT. LIGHTLY BLAST SURFACES OF PLATE TO REMOVE ALL DUST AND DEBRIS FROM CONCRETE SURFACES IN CONTACT WITH JOINT SEALANT BEFORE APPLICATION OF SILICONE SEAL.
- ④ USE CLASS 7 JOINT SEALANT THAT CONFORMS TO DMS-6310.
- ⑤ PLACE SEALANT WHILE AMBIENT TEMPERATURE IS BETWEEN 55°F AND 80°F AND IS RISING.



NOT TO SCALE

TRACK 6

4'-8 1/2" GAUGE

7"

ARMOR PLATE

112PDX RAIL

7"

RAIL FASTENERS EVERY 10 FT

EX BRIDGE DECK

2'-8"

LIMITS OF ARMOR JOINT

NOT TO SCALE

LIMITS OF ARMOR JOINT

NOT TO SCALE

SHIP ARMOR JOINTS IN CONVENIENT LENGTHS OF 10'-0" MIN AND 24'-0" MAX UNLESS NECESSARY FOR STAGE CONSTRUCTION OR WIDENINGS. ONE SHOP SPLICE IS PERMITTED IN EACH SHIPPING LENGTH PROVIDED NO PIECE IS LESS THAN 2'-0" LONG AND SUFFICIENT STUDS ARE ADDED TO LIMIT THE STUD TO SHOP SPLICE DISTANCE TO 2" MIN AND 4" MAX.

USE GROOVE WELDS FOR ALL SHOP AND FIELD BUTT SPLICES. GRIND SMOOTH AREAS IN CONTACT WITH SEAL. MAKE ALL NECESSARY FIELD SPLICE JOINT PREPARATIONS IN THE SHOP.

WELD STUDS IN ACCORDANCE WITH AWS D1.1.

AN ARMOR JOINT LAYOUT WHICH IDENTIFIES LOCATION OF EACH STEEL SECTION SHALL BE DEVELOPED BY THE FABRICATOR.

PERMANENTLY MARK EACH STEEL SECTION IN ACCORDANCE WITH THE ARMOR JOINT LAYOUT. A COPY OF THE ARMOR JOINT LAYOUT IS TO BE PROVIDED TO THE ENGINEER.

SHOP DRAWINGS FOR THE FABRICATION OF ARMOR JOINTS WILL NOT REQUIRE THE ENGINEER'S APPROVAL IF FABRICATION IS IN ACCORDANCE WITH THE DETAILS SHOWN ON THIS STANDARD.

SECURE ARMOR JOINTS IN POSITION AND PLACE TO PROPER GRADE AND ALIGNMENT BY WELDING BRACES TO EXISTING ARMOR JOINT. COST OF FURNISHING AND INSTALLING TEMPORARY BRACING IS SUBSIDIARY TO THE PERTINENT BID ITEM.

NO.	DATE	DESCRIPTION	PERIOD
1	1/1		
1	1/1		
1	1/1		
1	1/1		



David M. Kennedy
6-7-2013

URS 2020 Alameda Blvd. 2
El Paso, Texas 79901
(915) 493-0488

ENR REGISTRATION NO. 1-3-62

OREGON STREET &
STANTON STREET
UNDERPASSES
JOINT DETAILS

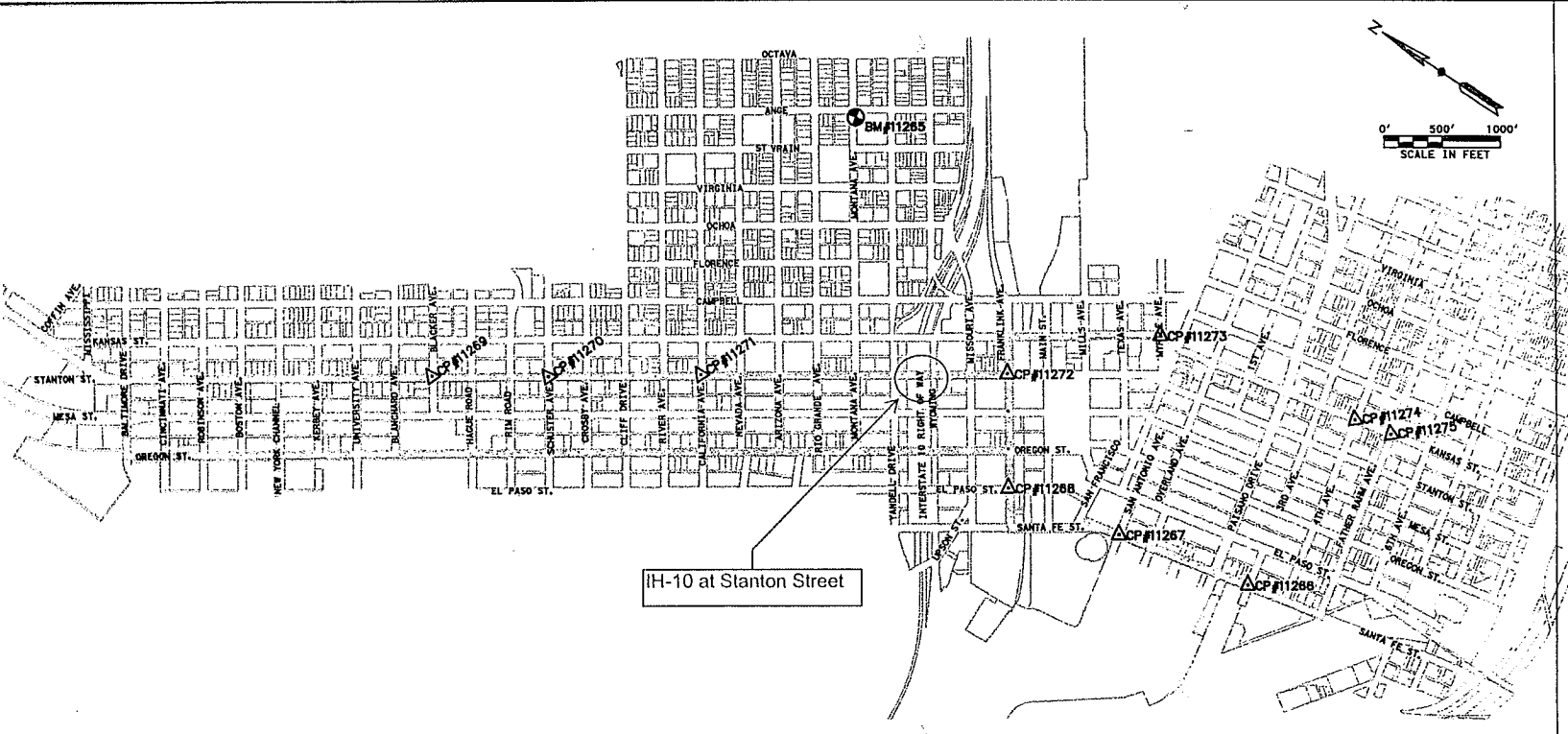


COM		TEC	JOB	WARRANT
		VARIOUS		
DIST		COUNTY		SHEET
FL. PAGE		FL. PAGE		602

DATE: 06-03-13
FILE: K:\2012\15121807-URS-EL PASO-CAR-STREET\09-1-8 Final Plan\UTILITIES 10X7 CONTROL 6-3-13.dgn

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(1-800-DIG-TESS)

ES LA LEY
GRATIS PARA USTED - LLAME ANTES DE EXCAVAR
LLAME 2 DIAS DE TRABAJO ANTES DE EXCAVAR EN TEXAS
1-800-344-8377
(1-800-DIG-TESS)



BENCHMARKS				
BM #	DESCRIPTION	NORTHING (Y)	EASTING (X)	ELEVATION (Z)
11265	FOUND BRASS CAP - NGS MONUMENT "P146"	18659667.26	385723.73	3742.24

CONTROL POINTS				
CP #	DESCRIPTION	NORTHING (Y)	EASTING (X)	ELEVATION
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11267	FOUND CITY MONUMENT AT INTERSECTION OF SANTA FE ST. & SAN ANTONIO AVE.	18655793.25	383949.68	3711.85
11268	FOUND CITY MONUMENT AT INTERSECTION OF EL PASO ST. & FRANKLIN AVE.	18656884.91	383757.25	3738.39
11269	FOUND CITY MONUMENT AT INTERSECTION OF STANTON ST & BLACKER AVE.	18661467.74	381826.16	3925.05
11270	FOUND CITY MONUMENT AT INTERSECTION OF STANTON ST & SCHUSTER AVE.	18660631.47	382374.88	3886.79
11271	FOUND CITY MONUMENT AT INTERSECTION OF STANTON ST & CALIFORNIA AVE.	18659548.84	383111.86	3794.98
11272	FOUND CITY MONUMENT AT INTERSECTION OF STANTON ST & FRANKLIN AVE.	18657355.27	384579.35	3732.88
11273	FOUND CITY MONUMENT AT INTERSECTION OF KANSAS ST & MYRTLE AVE.	18656442.44	385587.96	3718.28
11274	FOUND CITY MONUMENT AT INTERSECTION OF KANSAS ST & 4TH AVE.	18654649.39	385895.98	3707.83
11275	FOUND CITY MONUMENT AT INTERSECTION OF KANSAS ST & FATHER RAHM AVE.	18654325.34	385967.17	3786.86

LEGEND

BENCHMARK

CONTROL POINT

NOTE:

1. HORIZONTAL CONTROL: MAPPING COORDINATES AND BEARINGS ARE REFERENCED TO THE TEXAS COORDINATE SYSTEM, NORTH TEXAS CENTRAL ZONE 1203, NAD83, UNIT OF MEASURE: U.S. SURVEY FOOT. COORDINATES SHOWN HEREON ARE GRID (STATE PLANE).

2. VERTICAL CONTROL IS BASED ON NAVD 88 DATUM, ELEVATION RECOVERED FROM NGS MONUMENT:

BM=11265
DESIGNATION: P 146

DESCRIPTION:
IN EL PASO, AT THE INTERSECTION OF ANGE ST. AND MONTANA AVE., IN A CONCRETE CURB ALONG THE SOUTHEAST SIDE OF THE AVENUE, 19.2 M (63.0 FT) SOUTHWEST OF THE STREET CENTER, 7.6 M (24.9 FT) SOUTHEAST OF AND LEVEL WITH THE AVENUE CENTERLINE, AND 5.5 M (18.0 FT) SOUTHWEST OF A UTILITY POLL.

ELEVATION = 3742.24

FRANK K. SPENCER & ASSOCIATES, INC.
1120 MONTANA AVE
EL PASO, TX 79902
PH: (915) 533-4000
FAX: (915) 533-4073
WWW.FKSIA.COM

URS
2829 Montana Suite 206
El Paso, Texas 79903
(915) 450-6068

TYPE REGISTRATION NO. F-389

COEP STREETCAR

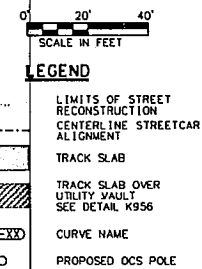
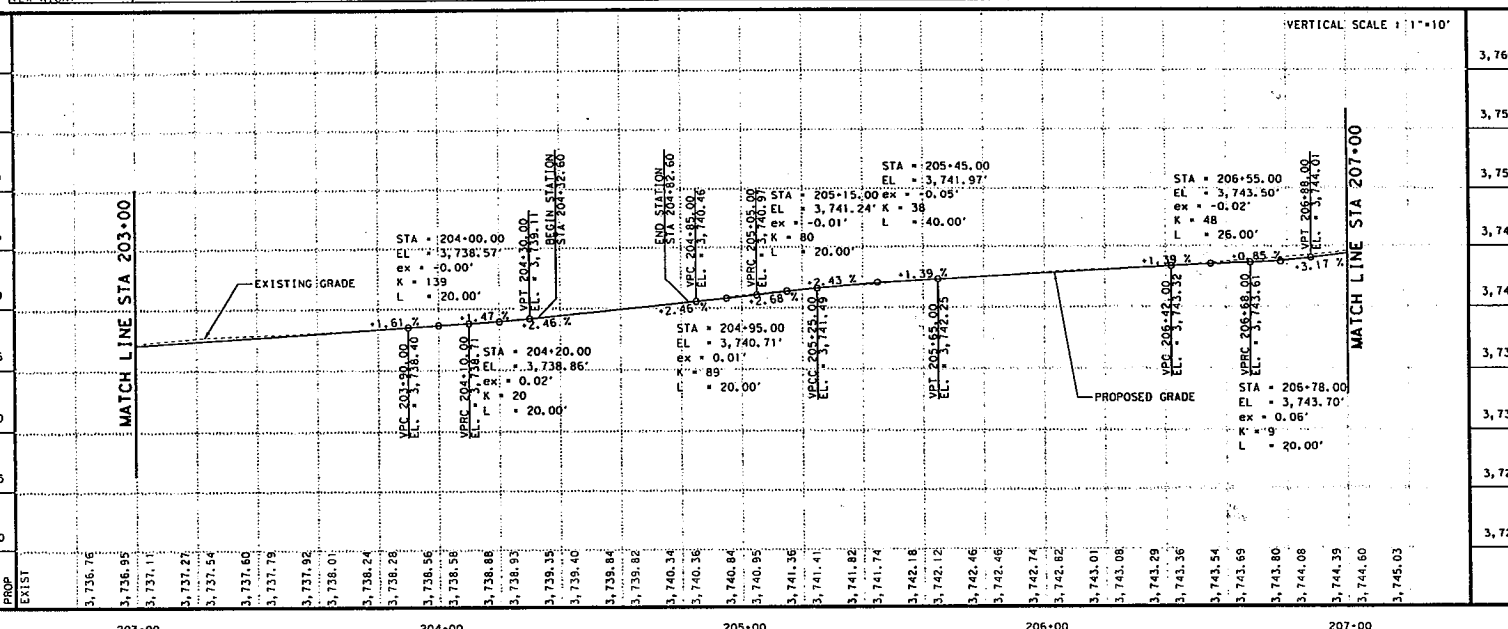
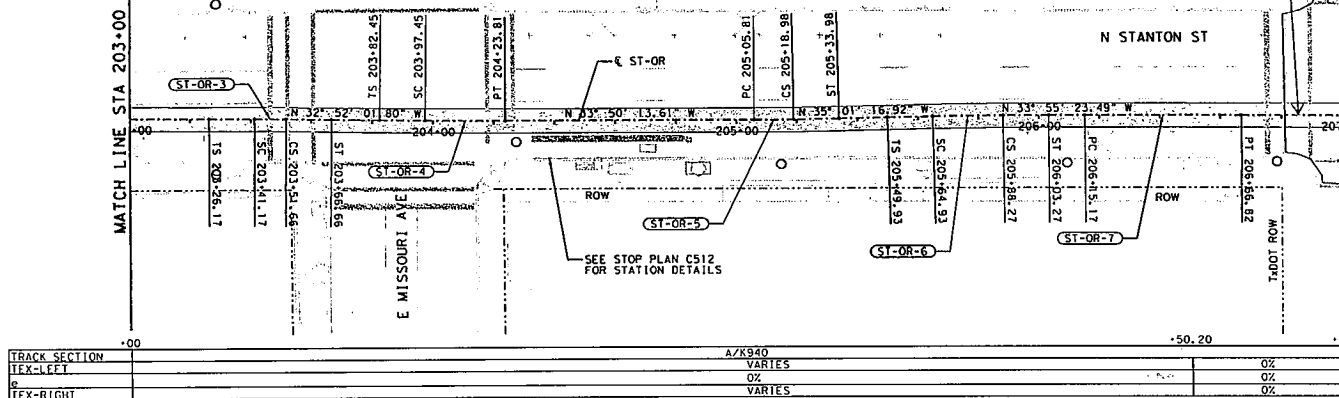
CONTROL SHEET

DATE	REV	JOB	REVISION
06/03/13		COEP STREETCAR	VARIOUS
SHEET		COUNTY	SHEET NO.
EL PASO	EL PASO		30

For this intersection, the "Gutter Pan" is defined as the line determined by the location of contact between the pavement surface, or surface of bridge deck overlay, and the concrete curb.

City of El Paso to maintain pavement, bridge deck overlay, bridge approaches, track slab, and rail within the intersection as depicted in the drawing below and as defined by the following:

- between gutter pans of Stanton Street and Wyoming Avenue
- the two lines across Wyoming Avenue defined by connecting the northeasterly curb return to the southeasterly curb return, and connecting the northwesterly curb return to the southwesterly curb return;
- the two lines across Stanton Street defined by the extension of TxDOT right of way.



- NOTES:
1. SEE TRAFFIC SIGNAL SHEETS FOR TRAFFIC SIGNAL MODIFICATIONS.
 2. SEE UTILITY SHEETS FOR EXISTING AND PROPOSED UTILITY INFORMATION.
 3. REFER TO HORIZONTAL ALIGNMENT DATA SHEETS FOR CURVE DATA AND ALIGNMENT INFORMATION.
 4. SEE STOP DETAIL SHEETS FOR PROPOSED STOP INFORMATION.
 5. CONTRACTOR TO FIELD ADJUST TRACK SLOPE TRANSITIONS AS NECESSARY.
 6. BASEMENT INFORMATION SHOWN HEREON IS APPROXIMATE AND BASED ON CBD II AND CBD III AS-BUILTS AND IDENTIFICATION OF SURFACE FEATURES ONLY.
 7. EXISTING ROADWAY PROFILE MAY VARY FROM SURVEY PERFORMED SPRING 2013.
 8. SEE GEOTECH REPORT FOR INFORMATION REGARDING BORE HOLES.
 9. SEE STREET RECONSTRUCTION SHEETS FOR PROPOSED RECONSTRUCTION LIMITS.
 10. SEE TYPICAL SECTIONS FOR WIDENED TRACK SLAB LIMITS.
 11. SEE TRACK DETAIL DRAWING SERIES K940 TO K956 FOR TRACK SLAB AND SPECIAL TRACKWORK DETAILS.
 12. SEE OVERHEAD CONTACT SYSTEM SHEETS FOR PROPOSED OCS POLE LAYOUT.

STATE OF TEXAS
 DEREKE BENEDET
 112554
 7/24/15

URS
 2829 Montana Suite 200
 El Paso, Texas 79903
 (915) 493-6468
 TDEC REGISTRATION NO. F-3162

COEP STREETCAR
 TRACK PLAN
 AND PROFILE
 STA 203+00 TO STA 207+00

K126

CDIST	SECT	JOB	REVISION
0924	06	446	VARIOUS
EL PASO	EL PASO	SHEET NO.	68

For this intersection, the "Gutter Pan" is defined as the line determined by the location of contact between the pavement surface, or surface of bridge deck overlay, and the concrete curb.

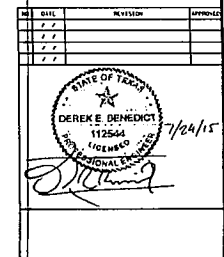
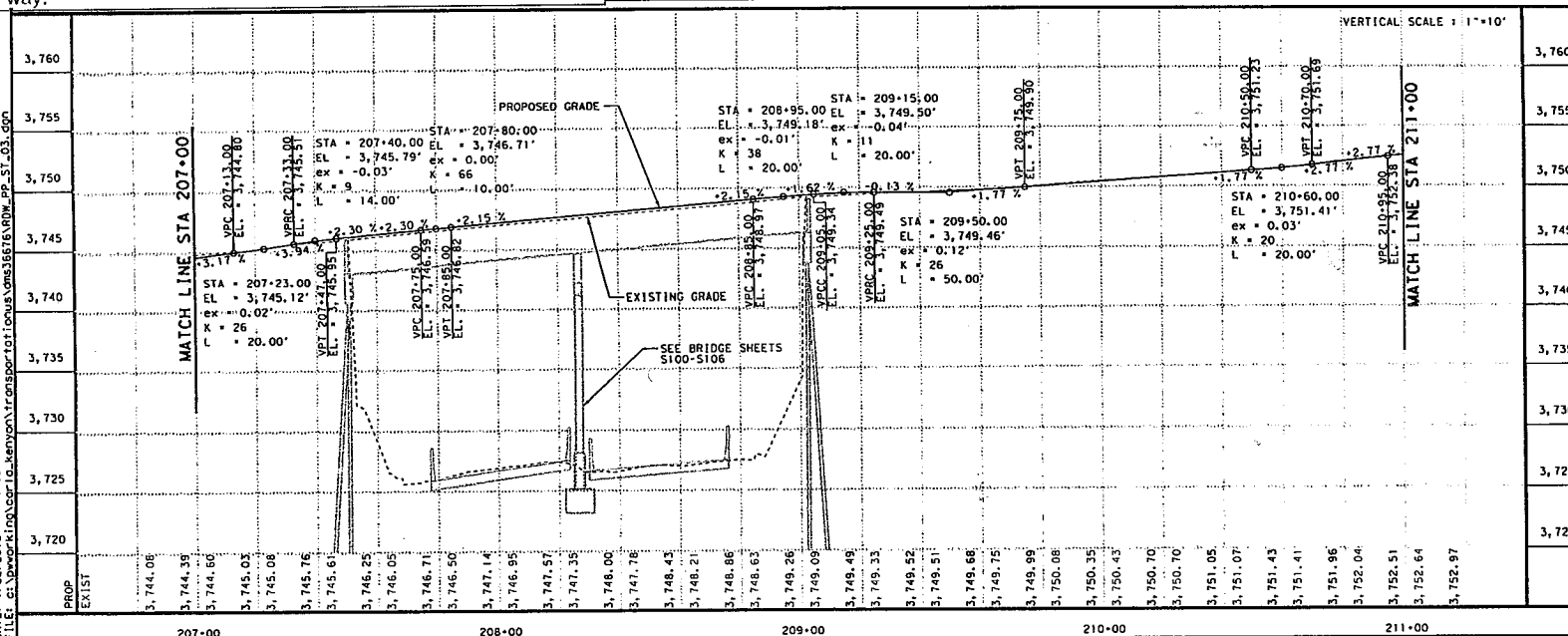
of El Paso to maintain pavement, bridge deck overlay, bridge oaches, track slab, and rail within the intersection as depicted in the ring above and as defined by the following:
 between gutter pans of Stanton Street and Wyoming Avenue
 two lines across Wyoming Avenue defined by connecting the easterly curb return to the southeasterly curb return, and connecting the northwesterly curb return to the southwesterly curb return;
 two lines across Stanton Street defined by the extension of TxDOT of way.

0' 20' 40'
 SCALE IN FEET

LEGEND

- LIMITS OF STREET RECONSTRUCTION
- CENTERLINE STREETCAR ALIGNMENT
- TRACK SLAB
- TRACK SLAB OVER UTILITY VAULT SEE DETAIL K956
- CURVE NAME
- PROPOSED OCS POLE

- NOTES:
- SEE TRAFFIC SIGNAL SHEETS FOR TRAFFIC SIGNAL MODIFICATIONS.
 - SEE UTILITY SHEETS FOR EXISTING AND PROPOSED UTILITY INFORMATION.
 - REFER TO HORIZONTAL ALIGNMENT DATA SHEETS FOR CURVE DATA AND ALIGNMENT INFORMATION.
 - SEE STOP DETAIL SHEETS FOR PROPOSED STOP INFORMATION.
 - CONTRACTOR TO FIELD ADJUST TRACK SLOPE TRANSITIONS AS NECESSARY.
 - BASEMENT INFORMATION SHOWN HEREON IS APPROXIMATE AND BASED ON CBD II AND CBD III AS-BUILTS AND IDENTIFICATION OF SURFACE FEATURES ONLY.
 - EXISTING ROADWAY PROFILE MAY VARY FROM SURVEY PERFORMED SPRING 2013.
 - SEE GEOTECH REPORT FOR INFORMATION REGARDING BORE HOLES.
 - SEE STREET RECONSTRUCTION SHEETS FOR PROPOSED RECONSTRUCTION LIMITS.
 - SEE TYPICAL SECTIONS FOR WIDENED TRACK SLAB LIMITS.
 - SEE TRACK DETAIL DRAWING SERIES K940 TO K956 FOR TRACK SLAB AND SPECIAL TRACKWORK DETAILS.
 - SEE OVERHEAD CONTACT SYSTEM SHEETS FOR PROPOSED OCS POLE LAYOUT.



URS
 2829 Montana Suite 206
 El Paso, Texas 79903
 (915) 493-6468
 TIME REGISTRATION NO. F-3162
COEP STREETCAR
TRACK PLAN
AND PROFILE
 STA 207+00 TO STA 211+00

K127			
CDT	SECT	JOB	REVISION
0924	06	446	VARIOUS
DIST	COUNTY	SHEET NO.	
EL PASO	EL PASO	69	

DATE: 6/18/2015 5:34:02 PM
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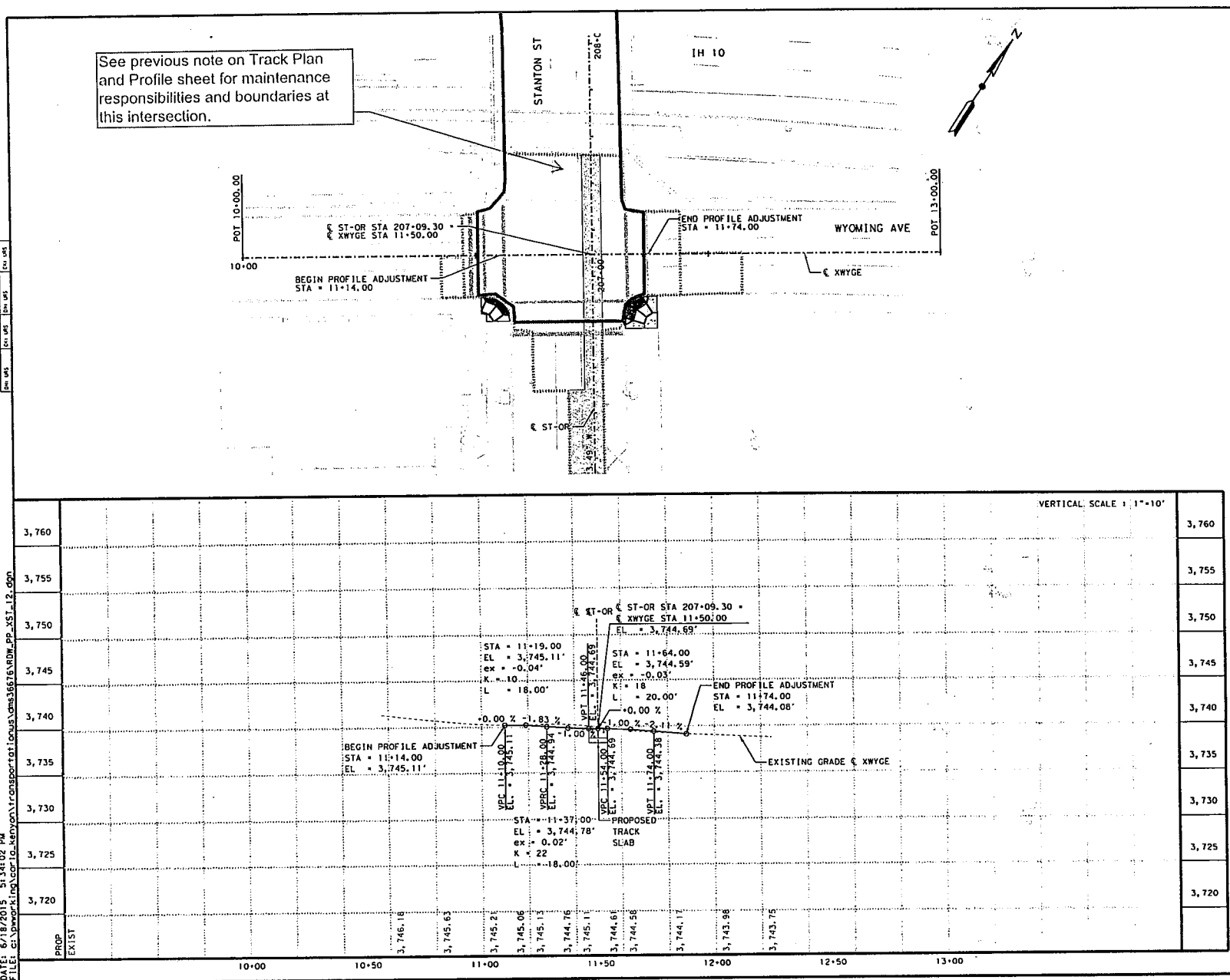


Exhibit B - 13

0' 20' 40'
SCALE IN FEET

LEGEND

- LIMITS OF STREET RECONSTRUCTION
- CENTERLINE STREETCAR ALIGNMENT
- TRACK SLAB
- TRACK SLAB OVER UTILITY VAULT SEE DETAIL K956
- CURVE NAME (XX-X)
- PROPOSED OCS POLE

NOTES:

- SEE TRAFFIC SIGNAL SHEETS FOR TRAFFIC SIGNAL MODIFICATIONS.
- SEE UTILITY SHEETS FOR EXISTING AND PROPOSED UTILITY INFORMATION.
- REFER TO HORIZONTAL ALIGNMENT DATA SHEETS FOR CURVE DATA AND ALIGNMENT INFORMATION.
- SEE STOP DETAIL SHEETS FOR PROPOSED STOP INFORMATION.
- CONTRACTOR TO FIELD ADJUST TRACK SLOPE TRANSITIONS AS NECESSARY.
- BASEMENT INFORMATION SHOWN HEREON IS APPROXIMATE AND BASED ON CBD II AND CBD III AS-BUILTS AND IDENTIFICATION OF SURFACE FEATURES ONLY.
- EXISTING ROADWAY PROFILE MAY VARY FROM SURVEY PERFORMED SPRING 2013.
- SEE GEOTECH REPORT FOR INFORMATION REGARDING BORE HOLES.
- SEE STREET RECONSTRUCTION SHEETS FOR PROPOSED RECONSTRUCTION LIMITS.
- SEE TYPICAL SECTIONS FOR WIDENED TRACK SLAB LIMITS.
- SEE TRACK DETAIL DRAWING SERIES K940 TO K956 FOR TRACK SLAB AND SPECIAL TRACKWORK DETAILS.
- SEE OVERHEAD CONTACT SYSTEM SHEETS FOR PROPOSED OCS POLE LAYOUT.

NO.	DATE	REVISION	APPROVED
1			
2			
3			

STATE OF TEXAS
DEREK E. BENEDICT
112544
REGISTERED PROFESSIONAL ENGINEER
6/24/15

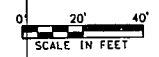
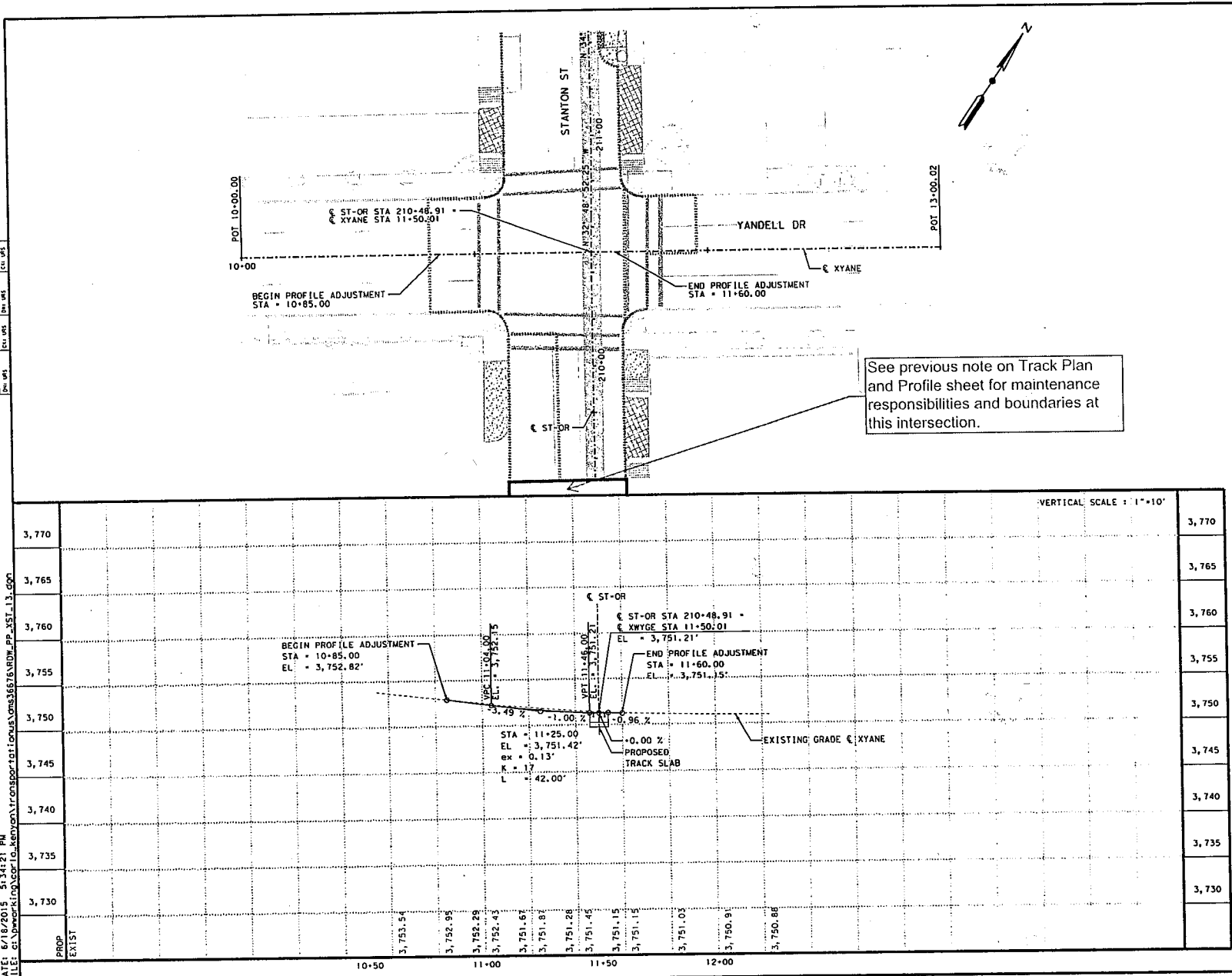
URS
2829 Montana Suite 200
El Paso, Texas 79903
(915) 493-6400
TDP REGISTRATION NO. E-3162

**COEP STREETCAR
CROSS STREET
PLAN AND
PROFILE**

WYOMING AVE & STANTON ST

K211	
CONT.	SHEET
DISC	VARIOUS
EL PASO	EL PASO
	110

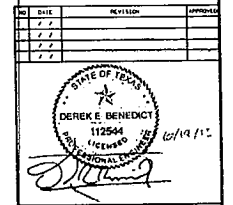
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LEGEND

- LIMITS OF STREET RECONSTRUCTION
- - - CENTERLINE STREETCAR ALIGNMENT
- ▨ TRACK SLAB
- ▨ TRACK SLAB OVER UTILITY VAULT SEE DETAIL K956
- CURVE NAME
- PROPOSED OCS POLE

- NOTES:**
1. SEE TRAFFIC SIGNAL SHEETS FOR TRAFFIC SIGNAL MODIFICATIONS.
 2. SEE UTILITY SHEETS FOR EXISTING AND PROPOSED UTILITY INFORMATION.
 3. REFER TO HORIZONTAL ALIGNMENT DATA SHEETS FOR CURVE DATA AND ALIGNMENT INFORMATION.
 4. SEE STOP DETAIL SHEETS FOR PROPOSED STOP INFORMATION.
 5. CONTRACTOR TO FIELD ADJUST TRACK SLOPE TRANSITIONS AS NECESSARY.
 6. BASEMENT INFORMATION SHOWN HEREON IS APPROXIMATE AND BASED ON CBD II AND CBD III AS-BUILTS AND IDENTIFICATION OF SURFACE FEATURES ONLY.
 7. EXISTING ROADWAY PROFILE MAY VARY FROM SURVEY PERFORMED SPRING 2013.
 8. SEE GEOTECH REPORT FOR INFORMATION REGARDING BORE HOLES.
 9. SEE STREET RECONSTRUCTION SHEETS FOR PROPOSED RECONSTRUCTION LIMITS.
 10. SEE TYPICAL SECTIONS FOR WIDENED TRACK SLAB LIMITS.
 11. SEE TRACK DETAIL DRAWING SERIES K940 TO K956 FOR TRACK SLAB AND SPECIAL TRACKWORK DETAILS.
 12. SEE OVERHEAD CONTACT SYSTEM SHEETS FOR PROPOSED OCS POLE LAYOUT.

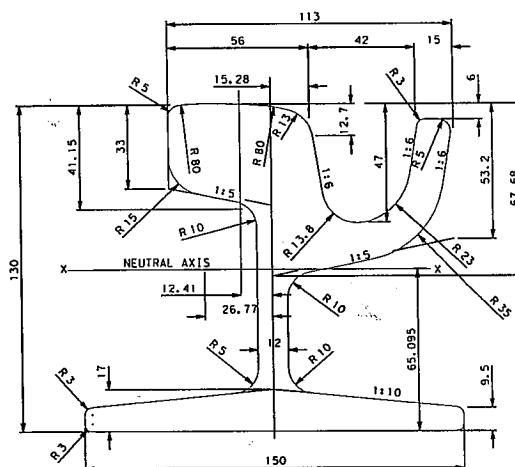


URS
 2829 Alondra Suite 205
 El Paso, Texas 79903
 (915) 493-6468
 URS REGISTRATION NO. T-3167

**COEP STREETCAR
 CROSS STREET
 PLAN AND
 PROFILE**

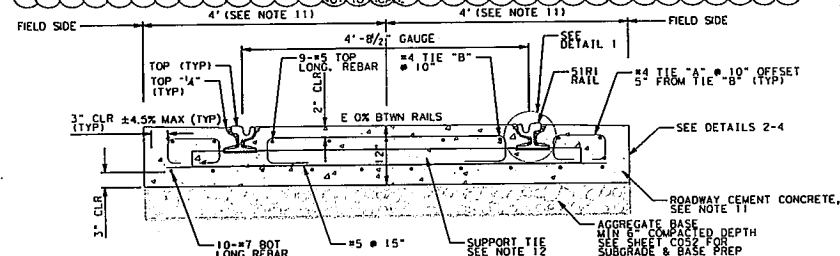
YANDELL DR & STANTON ST

K212	
CONT	SHEET
01ST	COUNTY
EL PASO	EL PASO
SHEET NO.	
111	

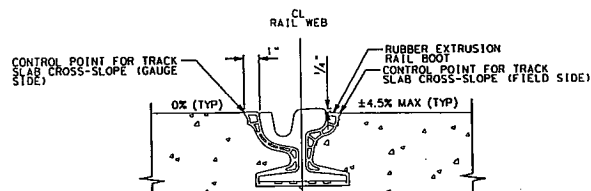


51R1 RAIL
NOT TO SCALE

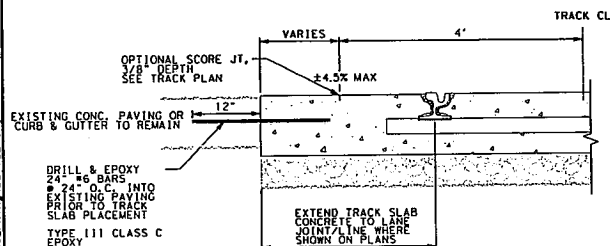
- GENERAL NOTES
1. CONCRETE SHALL BE ROADWAY CEMENT CONCRETE UNLESS NOTED OTHERWISE.
2. REINFORCING SHALL BE UNCOATED DEFORMED BARS WITH A MINIMUM YIELD STRENGTH OF 60,000 PSI.
3. REINFORCING COVER SHALL BE 3" MINIMUM AT BASE AND SIDES OF TRACK SLAB AND 2" MINIMUM ON TOP.
4. TYPICAL TRACK GAUGE SHALL BE 4'-8 1/2".
5. AGGREGATE BASE AS REQUIRED IN SPECIFICATIONS AND AS SHOWN ON THE ROAD TYPICALS (SECTION C052)
6. JOINT GROOVES PLACED TRANSVERSELY ACROSS TRACK SLAB SHALL BE PLACED ABOVE EVERY SUPPORT TIE. GROOVE DEPTH = 3/8" MINIMUM.
7. PROPOSED PROFILE IS TOP OF LOW RAIL.
8. TOP OF CONCRETE ON FIELD SIDE OF RAIL SHALL BE 1/4" BELOW TOP OF RAIL ELEVATION.
9. TRACK PLANS INDICATE WHICH CURVES ARE SUPERELEVATED.
10. COORDINATE TRACKING POWER OR SIGNAL BOND LOCATIONS WITH SYSTEMS CONTRACTOR PRIOR TO POURING CONCRETE. INFLX SEE DWG J670 FOR BONDING BLOCKOUT DETAILS.
11. SEE TRACK PLAN FOR LIMITS OF REINFORCED TRACK SLAB. WHERE TRACK SLAB AND REINFORCING IS REQUIRED, FOR VARIABLE SLAB WIDTHS ADJACENT TO EXISTING CONCRETE PAVING SEE DETAIL B THIS SHEET.
12. SUPPORT TIES SHALL BE SPACED AT 10 FOOT INTERVALS ON TANGENTS AND CURVES WITH A RADIUS LARGER THAN 500 FEET. FOR CURVES WITH A RADIUS 500 FEET OR LESS, SUPPORT TIES SHALL BE SPACED AT 5 FOOT INTERVALS.



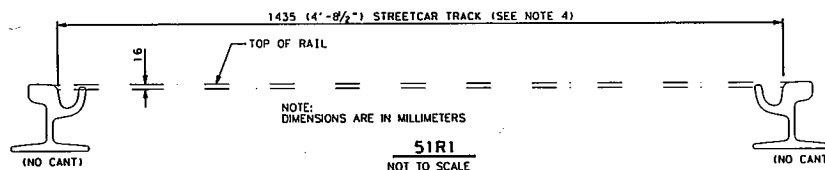
B - REINFORCED 51R1 TRACK SLAB TYPICAL (LT OR RT)



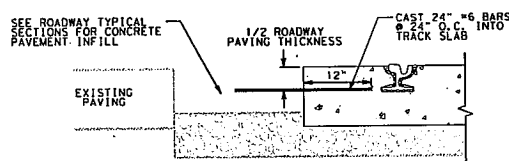
DETAIL 1 - S1R1 RAIL WITH BOOT
NOT TO SCALE



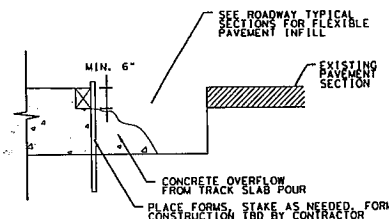
DETAIL 2 - TRACK SLAB ADJ. TO EX. CONC. PAVING
NOT TO SCALE



51R1
NOT TO SCALE

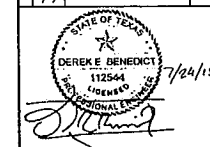


**DETAIL 3 - TRACK SLAB ADJ.
TO PROPOSED CONC. PAVING**
NOT TO SCALE



**DETAIL 4 - TRACK SLAB ADJACENT
TO PROPOSED FLEXIBLE PAVEMENT**
NOT TO SCALE

NO	DATE	REVISION	APPROV
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	/ /		
	/ /		



URS 2829 Montana Suite 200
El Paso, Texas 79903
(915) 493-6466

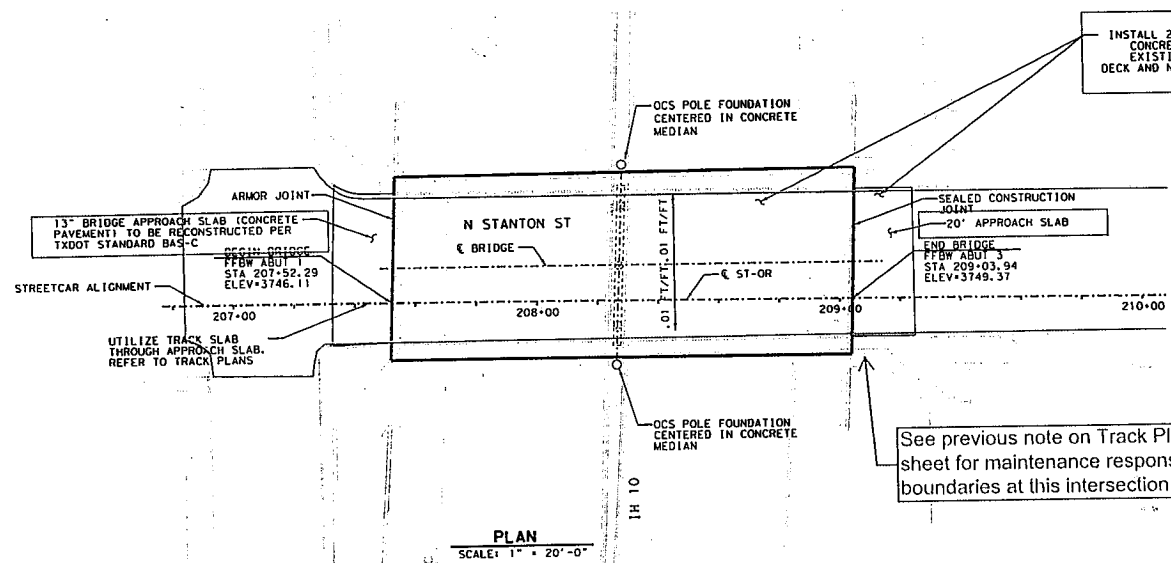
TYPE REGISTRATION NO. E-3162

COEP STREETCAR
TRACK SLAB
DETAILS



CONT	SECT	JOB	HIGHWAY
0924	06	446	VARIOUS
DIST		COUNTY	SHEET NO
EL PASO		EL PASO	122

DATE: 7/24/2015 6:05:12 PM
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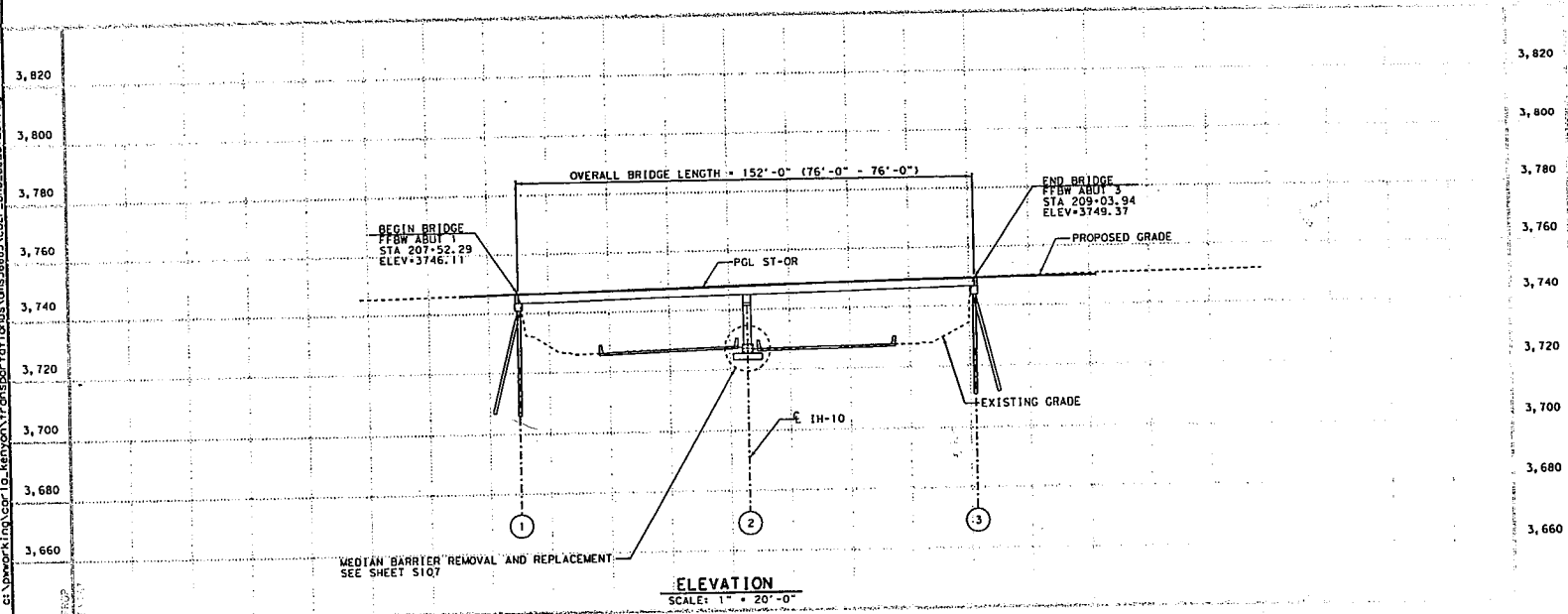
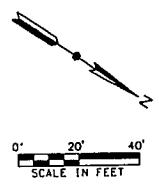


ESTIMATED QUANTITIES

0422-6015	0430-2172	0439-XXXX	0442-2048
APPROACH SLAB	CL 'C' CONCRETE FOR EXT. STR. (BENT)	LATEX-MODIFIED CONC OVERLAY (2.8')	STRUCT. STEEL (MISC. NON-BRIDGE)
CY	CY	SY	LB
40 (3)	0.9	956 (1)	659 (2)

- ① INCLUDES OVERLAY ON BRIDGE DECK AND APPROACH SLABS
- ② ARMOR JOINT
- ③ 13" CONCRETE APPROACH SLAB

See previous note on Track Plan and Profile sheet for maintenance responsibilities and boundaries at this intersection.



NO.	DATE	REVISION	APPROVED
1			
2			
3			

David M. McDermott

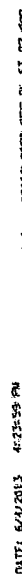
URS
 2829 Montross Suite 200
 El Paso, Texas 79903
 (915) 493-6468
 TYPE REGISTRATION NO. F-3167

COEP STREETCAR
STANTON STREET
UNDERPASS
PLAN & PROFILE

CONT	SECT	JOB	REVISION
0924	06	446	VARIOUS
DIST	COUNTY	SHEET NO.	
EL PASO	EL PASO	689	

S102

2001-01	2001-01	2001-01	2001-01
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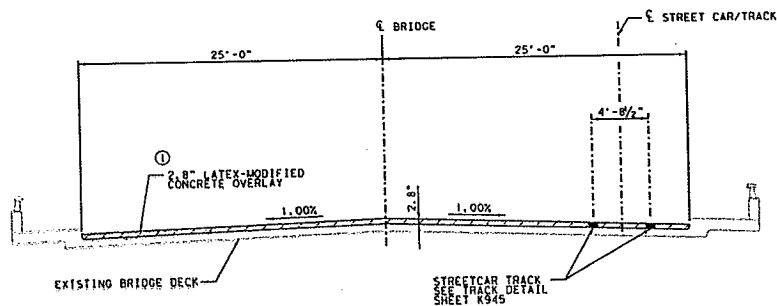


NOT TO SCALE
DIMENSIONS SHOWN FROM ORIGINAL CONTRACT PLANS

Exhibit B - Page 17

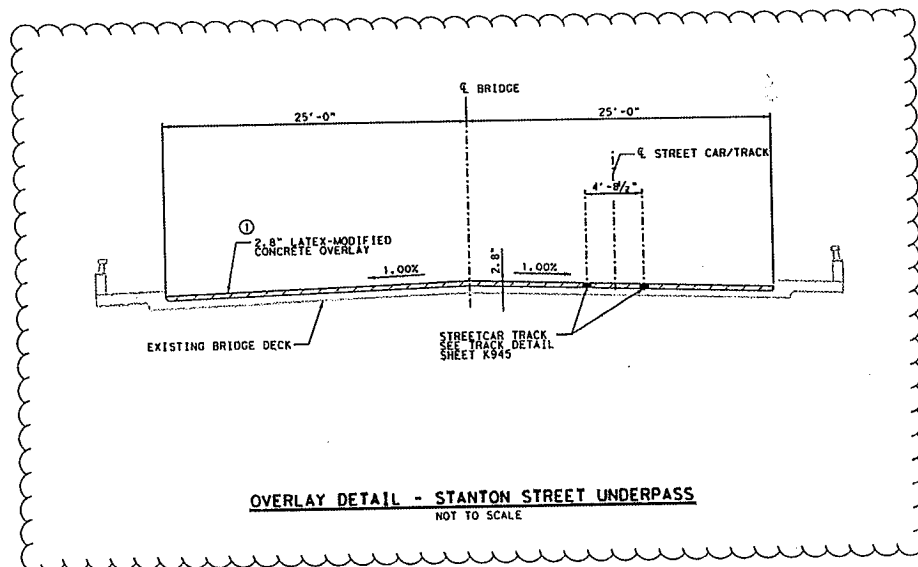
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DATE: 6/16/2013 4:24:08 PM
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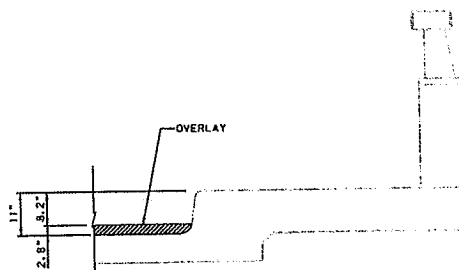


OVERLAY DETAIL - OREGON STREET UNDERPASS
 NOT TO SCALE

① PREPARE SURFACE OF EXISTING DECK IN ACCORDANCE WITH THE SPECIFICATIONS



OVERLAY DETAIL - STANTON STREET UNDERPASS
 NOT TO SCALE



OVERLAY CURB DETAIL
 NOT TO SCALE

GENERAL NOTES:

1. OVERLAY EXISTING BRIDGE DECKS AND NORTHERN APPROACH SLABS BETWEEN EXISTING CURBS.
2. SEE JOINT DETAILS FOR OREGON STREET & STANTON STREET UNDERPASSES FOR MODIFICATIONS TO EXISTING BRIDGE DECK JOINTS.

NO.	DATE	REVISION	BY
1	6-7-2013		

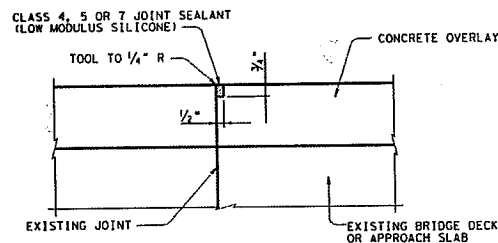


David W. McDaniel
 6-7-2013

URS
 (Firm Registration No. 7-2182)

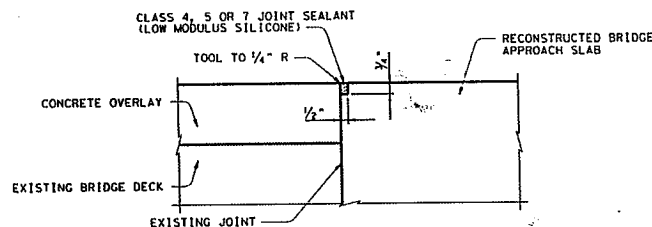
**COEP STREETCAR
 OREGON STREET &
 STANTON STREET
 UNDERPASSES
 BRIDGE
 OVERLAY DETAILS**

SHEET NO.		5104	
COUNT	SECT	JOB	REMARKS
			VARIOUS
DIST	COUNT	SHEET NO.	
EL PASO	EL PASO	891	



NOT TO SCALE

NOT TO SCALE



NOT TO SCALE

ARMOR JOINT DETAIL



ABRICATION NOTES: SHIP ARMOR JOINTS IN CONVENTIONAL LENGTHS OF 10'-0" MIN AND 24'-0" MAX UNLESS NECESSARY FOR STAGE CONSTRUCTION OR WIDENINGS. ONE SHOP SPlice IS PERMITTED IN EACH SHIPPING LENGTH PROVIDED NO PIECE IS LESS THAN 2'-0" LONG AND SUFFICIENT STUDS ARE ADDED TO LIMIT THE STUD TO SHOP SPlice DISTANCE TO 2' MIN AND 4' MAX.

LONG AND SUFFICIENT STUDS ARE ADDED TO LIMIT THE STUD TO SHOP SPICE DISTANCE TO 2' MIN AND 4' MAX.

USE GROOVE WELDS FOR ALL SHOP AND FIELD BUTT SPLICES. GRIND SMOOTH AREAS IN CONTACT WITH SEAL. MAKE ALL NECESSARY FIELD SPLICE JOINT PREPARATIONS IN THE SHOP. WELD STUDS IN ACCORDANCE WITH AWS D1.1.

AN APPROX. JOINT LAYOUT WHICH IDENTIFIES LOCATION OF EACH STEEL SECTION SHALL BE DEVELOPED BY THE FABRICATOR.

AN ARMOR JOINT LAYOUT WHICH IDENTIFIES LOCATION OF EACH STEEL SECTION SHALL BE DEVELOPED BY THE FABRICATOR. A COPY OF THE ARMOR JOINT LAYOUT IS TO BE PROVIDED TO THE ENGINEER.

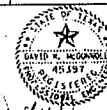
PERMANENTLY MARK EACH STEEL SECTION IN ACCORDANCE WITH THE ARMOR JOINT LAYOUT. A COPY OF THE ARMOR JOINT LAYOUT IS TO BE PROVIDED TO THE ENGINEER.

CONSTRUCTION NOTES:
 SECURE ARMOR JOINTS IN POSITION AND PLACE TO PROPER GRADE AND ALIGNMENT BY WELDING BRACES TO EXISTING ARMOR JOINT. COST OF FURNISHING AND INSTALLING TEMPORARY BRACING IS SUBSIDIARY TO THE PERTINENT BID ITEM.

1. PROVIDE ARMOR JOINTS AT LOCATIONS INDICATED ON THE BRIDGE LAYOUT.
2. WEIGHTS P.L.F. FOR ONE ARMOR JOINT AT OREGON STREET UNDERPASS = 10.8 lb/ft.
3. WEIGHTS P.L.F. FOR ONE ARMOR JOINT AT STANTON STREET UNDERPASS = 13.5 lb/ft.

- ① DO NOT PAINT PLATE.
- ② SET TOP OF BACKER ROD 1" BELOW TOP OF ARMOR PLATE. BACKER ROD MUST BE COMPATIBLE WITH JOINT SEALANT. USE OF MULTIPLE PIECES TO CREATE A BACKER ROD CROSS SECTION IS NOT PERMITTED. TOP OF BACKER ROD MUST BE CONVEX AS SHOWN.
- ③ BLAST CLEAN ENTIRE CONTACT AREA BETWEEN SEALANT AND PLATE (SP5C-SP10) BEFORE INSTALLING JOINT SEALANT. BRUSH BLAST AND THOROUGHLY CLEAN ALL DUST AND DEBRIS FROM CONCRETE SURFACES IN CONTACT WITH JOINT SEALANT BEFORE APPLICATION OF SILICONE SEAL.
- ④ USE CLASS 7 JOINT SEALANT THAT CONFORMS TO DMS-6310.
- ⑤ PLACE SEALANT WHILE AMBIENT TEMPERATURE IS BETWEEN 55°F AND 80°F AND IS RISING.

NO	DATE	MESSAGE	ATTN
	/ /		
	/ /		
	/ /		
	/ /		



0-7-2013

URS

TYPE REGISTRATION NO. F-11

COEP STREETCAR

OREGON STREET &
STANTON STREET
UNDERPASSES
JOINT DETAILS



5015

CONF	SECT	JOB	WEEKLY
			VARIOUS
DISC	SCRIPTS		SHEET NO
EL PASO	EL PASO		692

EXHIBIT C

APPROVED CONSTRUCTION PLANS

Plans will be delivered electronically by CD via standard mail and a copy of the CD will be filed with the fully executed Agreement.

EXHIBIT D
CERTIFICATE OF INSURANCE (TXDOT
FORM 1560)



CERTIFICATE OF INSURANCE

Form 15
(Rev. 07/02)
Previous editions of this form may not be used.
Page 1 of 2

Agents should complete the form providing all requested information then either fax or mail this form directly to the address listed on page two of this form. Copies of endorsement listed below are not required as attachments to this certificate.

This certificate is issued as a matter of information only and confers no rights upon the certificate holder. This certificate does not confer any rights or obligations other than the rights and obligations conveyed by the policies referenced on this certificate. The terms of the policies referenced in this certificate control over the terms of the certificate.

Insured: _____
Street/Mailing Address: _____
City/State/Zip: _____
Phone Number: () - _____

WORKERS' COMPENSATION INSURANCE COVERAGE:

Endorsed with a Waiver of Subrogation in favor of TxDOT.

Carrier Name:			Carrier Phone #: () -	
Address:			City, State, Zip:	
Type of Insurance	Policy Number	Effective Date	Expiration Date	Limits of Liability:
Workers' Compensation				Not Less Than: Statutory - Texas

COMMERCIAL GENERAL LIABILITY INSURANCE

Carrier Name:			Carrier Phone #: () -	
Address:			City, State, Zip:	
Type of Insurance:	Policy Number:	Effective Date:	Expiration Date:	Limits of Liability:
Commercial General Liability Insurance				Not Less Than: \$ 600,000 each occurrence

SELF-INSURED

BUSINESS AUTOMOBILE POLICY:

Carrier Name:			Carrier Phone #: () -	
Address:			City, State, Zip:	
Type of Insurance:	Policy Number:	Effective Date:	Expiration Date:	Limits of Liability:
Business Automobile Policy				Not Less Than: \$ 600,000 combined single limit

UMBRELLA POLICY (if applicable):

Carrier Name:			Carrier Phone #: () -	
Address:			City, State, Zip:	
Type of Insurance:	Policy Number:	Effective Date:	Expiration Date:	Limits of Liability:
Umbrella Policy				

Should any of the above described policies be cancelled before the expiration date thereof, notice will be delivered in accordance with the policy provisions.
THIS IS TO CERTIFY to the Texas Department of Transportation acting on behalf of the State of Texas that the insurance policies named are in full force and effect. If this form is sent by facsimile machine (fax), the sender adopts the document received by TxDOT as a duplicate original and adopts the signature produced by the receiving fax machine as the sender's original signature.

Agency Name

Address

City, State, Zip Code

() -
Authorized Agent's Phone Number

Authorized Agent Original Signature

Date

The Texas Department of Transportation maintains the information collected through this form. With few exceptions, you are entitled on request to be informed about the information that we collect about you. Under §§552.021 and 552.023 of the Texas Government Code, you also are entitled to receive and review the information. Under §559.004 of the Government Code, you are also entitled to have us correct information about you that is incorrect.

Fax completed form to: 512/416-2536

NOTES TO AGENTS:

Agents must provide all requested information then either fax or mail this form directly to the address listed below.

Pre-printed limits are the minimum required; if higher limits are provided by the policy, enter the higher limit amount and strike-through or cross-out the pre-printed limit.

To avoid work suspension, an updated insurance form must reach the address listed below **one business day** prior to the expiration date. **Insurance must be in force in order to perform any work.**

Binder numbers are not acceptable for policy numbers.

The certificate of insurance, once on file with the department, is adequate for subsequent department contracts provided adequate coverage is still in effect. Do not refer to specific projects/contracts on this form.

List the contractor's legal company name, including the DBA (doing business as) name as the insured. If a staff leasing service is providing insurance to the contractor/client company, list the staff leasing service as the insured and show the contractor/client company in parenthesis.

The TxDOT certificate of insurance form is the only acceptable proof of insurance for department contracts.

List the contractor's legal company name, including the DBA (doing business as) name as the insured or list both the contractor and staff leasing service as insured when a staff leasing service is providing insurance.

Over-stamping and/or over-typing entries on the certificate of insurance are not acceptable if such entries change the provisions of the certificate in any manner.

This form may be reproduced.

DO NOT COMPLETE THIS FORM UNLESS THE WORKERS' COMPENSATION POLICY IS ENDORSED WITH A WAIVER OF SUBROGATION IN FAVOR OF TXDOT.

The SIGNATURE of the agent is required.

CERTIFICATE OF INSURANCE REQUIREMENTS:

WORKERS' COMPENSATION INSURANCE:

SELF - INSURED

The contractor is required to have Workers' Compensation Insurance if the contractor has any employees including relatives.

The word STATUTORY, under limits of liability means that the insurer would pay benefits allowed under the Texas Workers' Compensation Law.

GROUP HEALTH or ACCIDENT INSURANCE is not an acceptable substitute for Workers' Compensation.

COMMERCIAL GENERAL LIABILITY INSURANCE:

MANUFACTURERS' or CONTRACTOR LIABILITY INSURANCE is not an acceptable substitute for Comprehensive General Liability Insurance or Commercial General Liability Insurance.

BUSINESS AUTOMOBILE POLICY:

If coverages are specified separately, they must be at least these amounts:

Bodily Injury	\$500,000 each occurrence
	\$100,000 each occurrence
Property Damage	\$100,000 for aggregate

PRIVATE AUTOMOBILE LIABILITY INSURANCE is not an acceptable substitute for a Business Automobile Policy.

MAIL ALL CERTIFICATES TO:

Texas Department of Transportation
CST — Contract Processing Unit (RA/200 — 1st Fl.)
125 E. 11th Street
Austin, TX 78701-2483
512/416-2540 (Voice), 512/416-2536 (Fax)

EXHIBIT E
ATTACHMENT A (FHWA ADDITIONAL
REQUIREMENTS)

ATTACHMENT A

Inasmuch as this project is on the Federal-Aid highway system, the following additional requirements as applicable with the Federal Highway Administration's Title 23, Code of Federal Regulations, § 710.

1. Any significant revision in the design or construction of the facility shall receive prior approval by the Texas Department of Transportation subject to concurrence by the FHWA.
2. Any change in the authorized use of airspace shall receive prior approval by the Texas Department of Transportation subject to concurrence by the FHWA.
3. The airspace shall not be transferred, assigned or conveyed to another party without prior Texas Department of Transportation approval subject to concurrence by the FHWA.
4. This agreement will be revocable in the event that the airspace facility ceases to be used or is abandoned.