

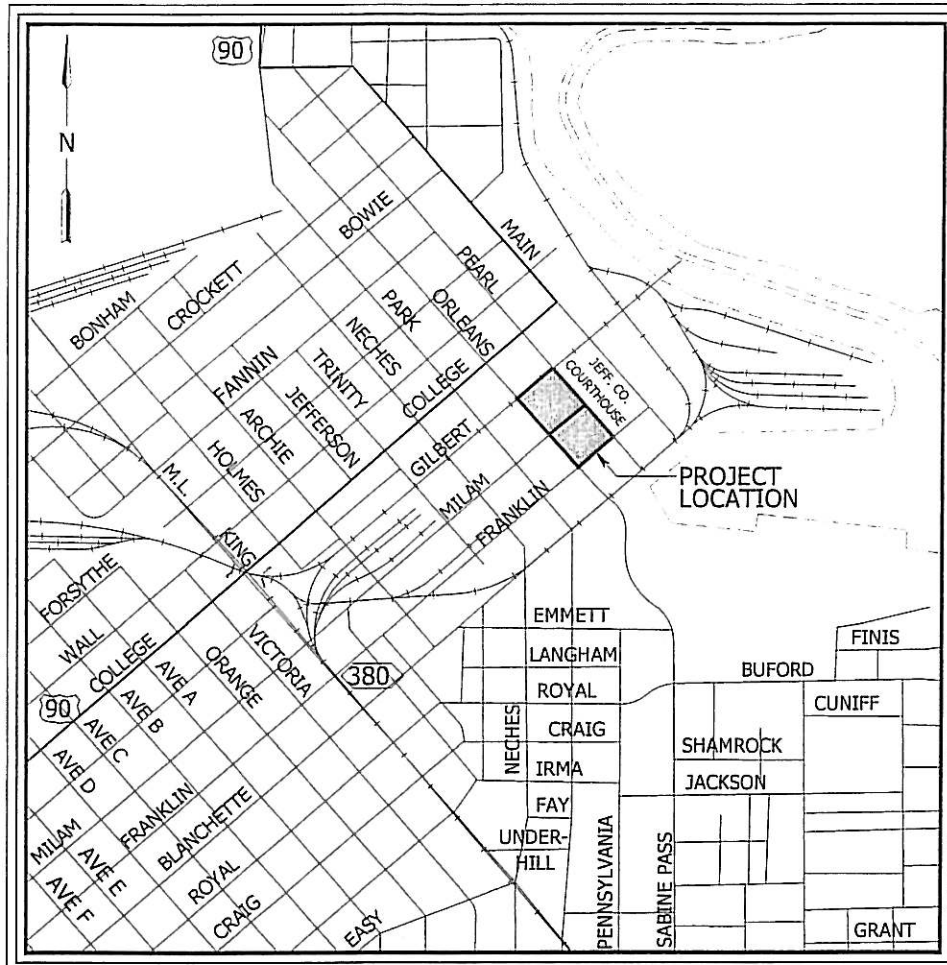
JEFFERSON COUNTY, TEXAS ENGINEERING DEPARTMENT

PLANS OF PROPOSED JEFFERSON COUNTY COURTHOUSE PARKING LOTS

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	GENERAL NOTES
3	ESTIMATE SUMMARY AND BASIS OF ESTIMATE
4	PROJECT QUANTITIES
5 - 6	PROJECT LAYOUT SHEETS
7	*PM(AP) - 98

FINAL PLANS	
DATE OF LET :	_____
DATE WORK BEGAN:	_____
DATE WORK COMPLETED:	_____
CONTRACTOR:	_____
USED ____ OF ____ DAYS ALLOTTED	
PROJECT COST:	_____
RESPONSIBLE ENGINEER FOR CONSTRUCTION	_____
AND FINAL PLAN PREPARATION:	_____
_____	DATE



PROJECT LOCATION
LAYOUT SCALE: N.T.S.

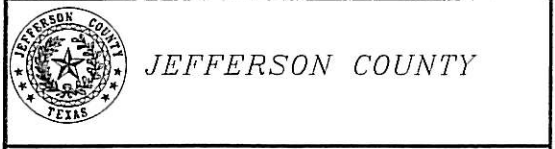


Bradley Steven Stafford
 BRADLEY STEVEN STAFFORD, P.E.
 REGISTERED PROFESSIONAL ENGINEER NO. 70807
 P.E. 11-2-12
 DATE

* THE STANDARD SHEETS SPECIFICALLY IDENTIFIED ABOVE HAVE BEEN SELECTED BY ME OR UNDER MY RESPONSIBLE SUPERVISION AS BEING APPLICABLE TO THIS PROJECT.

SPECIFICATIONS ADOPTED BY THE TEXAS DEPARTMENT OF TRANSPORTATION, JUNE 1, 2004 AND SPECIFICATION ITEMS LISTED AND DATED AS FOLLOWS, SHALL GOVERN ON THIS PROJECT: REQUIRED CONTRACT PROVISIONS FOR ALL FEDERAL CONSTRUCTION CONTRACTS (FORM FHWA 1273, DECEMBER 1993)

APPROVED FOR LETTING
David M. Rees
 DIRECTOR OF ENGINEERING



**JEFFERSON COUNTY
COURTHOUSE
PARKING LOTS**

DESIGN	J.D.	SHEET NO. 1
CHECKED	D.R.	

Project Number:

Sheet: _____

County: Jefferson County

Project: Courthouse Parking Lots

General Notes:

Provide a Contractor's Responsible Person and a phone number for emergency contact.

Assume ownership for all designated waste material and dispose of it at a place off of the right of way, as approved by the engineer.

Contractor shall maintain drainage throughout the project. This work is incidental to the various bid items.

Item 6: Control of Materials

The Contractor will be responsible for all testing or having testing performed by an acceptable testing company. Consider this work to be subsidiary to the various bid items of the contract.

Item 8: Prosecution and Progress:

Work will only be allowed on Thursday, Friday, and weekends. No more than half of a parking lot may be closed at one time during a weekday. The engineer must be notified one week in advance if part of a parking lot will be closed on a weekday. Both parking lots will be fully open for use by 6:00am each Monday morning.

Item 310: Prime Coat

Use bituminous material of the type MC and grade 30. Distribute the bituminous material smoothly and evenly at the rate of 0.25 gallons per square yard.

Item 340: Dense Graded Hot Mix Asphalt (Method)

Provide mixture type C using PG binder 64-22 as the final surface of the flexible pavement.

Provide mixture type D using PG binder 64-22 as the level-up course of the flexible pavement.

The Engineer will approve the mix design.

A laydown machine is required for this portion of hot-mix asphalt application.

Project Number:

Sheet: _____

County: Jefferson County

Project: Courthouse Parking Lots

Level-up will be used in low areas to ensure that the pavement slopes to the outside of the parking lot before the final surface is placed.

Provide smooth tie-in at existing entrance, exits, and sidewalks.

Use of pneumatic-tire rollers is prohibited.

Item 351: Flexible Pavement Structure Repair

Use asphalt stabilized base for the base repair material.

For base repair, place the asphalt stabilized base in compacted lifts of 4 in. maximum, unless otherwise directed.

Item 502: Barricades, Signs, and Traffic Handling

Remove all traffic control devices from the project area when they are not in use.

Item 530: Intersections, Driveways, and Turnouts

This item will be used for the concrete paving of the four landscaping areas which are being removed from the concrete parking lot.

Excavation of existing material and placement of 2 inches of sand base will be subsidiary to this item.

Item 644: Small Roadside Sign Supports and Assemblies

Signs will be mounted on 2.0 lbs/ft galvanized wing channel posts which will be embedded into the ground a minimum of 36 inches.

Item 666: Reflectorized Pavement Markings

Glass beads will not be required on this project.

Air blowing is subsidiary to this item.

Item 677 Eliminating Existing Pavement Markings and Markers

Removal of all contaminates and loose material is subsidiary to this item.



JEFFERSON COUNTY

JEFFERSON COUNTY
COURTHOUSE
PARKING LOTS

GENERAL NOTES
SHEET 1 OF 1

DESIGN	J.D.	SHEET NO. 2
CHECKED	D.R.	

ESTIMATE SUMMARY SHEET

ITEM	CODE	SPL	DESCRIPTION	UNIT	TOTAL QUANTITY
104	2021		REMOVING CONC (CURB)	LF	466.00
340	2034		D-GR HMA (METH) TY-C.PG64-22	TON	770.66
340	2246	001	D-GR HMA (METH) TY-D PG64-22(LEVEL-UP)	TON	96.33
351	2004		FLEXIBLE PAVEMENT STRUCTURE REPAIR(8")	SY	100.00
500	2001		MOBILIZATION	LS	1.00
502	2001	033	BARRICADES SIGNS AND TRAF HANDLING	MO	1.00
530	2010		DRIVEWAYS (CONC)	SY	249.00
644	2060		REMOVE SM RD SN SUP & AM	EA	17.00
644	2088		INS SM RD SN SUP & AM TY SPL - 1	EA	18.00
644			RELOCATE SM RD SN SUP & AM	EA	2.00
666	2145		REF PAV MRK TY II (W) 4" (SLD)	LF	12206.00
666	2160		REF PAV MRK TY II (W) (ARROW)	EA	40.00
677	2015		ELIM EXT PAV MRK & MRKS (SYMBOL)	EA	10.00

Basis of Estimate

ITEM NO.	DESCRIPTION	RATE	NO. OF UNITS	QUANTITY
340 2034	D-GR HMA (METH) TY-C PG64-22	165 LB/SY	9341.3 SY	770.66 TON
340 2246	D-GR HMA (METH) TY-D PG64-22(LEVEL-UP)	82.5 LB/SY	2335.3 SY	96.33 TON



JEFFERSON COUNTY

JEFFERSON COUNTY COURTHOUSE PARKING LOTS

ESTIMATE SUMMARY
AND
BASIS OF ESTIMATE
SHEET 1 OF 1

DESIGN	J.D.	SHEET NO.	
CHECKED	D.R.	3	

PROJECT QUANTITIES BY PARKING LOT

PARKING LOT	REMOVING CONC (CURB)	D-GR HMA (METH) TY-C PG64-22	D-GR HMA (METH) TY-D PG64- 22(LEVEL-UP)	FLEXIBLE PAVEMENT STRUCTURE REPAIR(8")	DRIVEWAYS (CONC)	REMOVE SM RD SN SUP & AM	INS SM RD SN SUP & AM TY SPL - 1	RELOCATE SM RD SN SUP & AM	REF PAV MRK TY II (W) 4" (SLD)	REF PAV MRK TY II (W) (ARROW)	ELIM EXT PAV MRK & MRKS (SYMBOL)
	LF	TON	TON	SY	SY	EA	EA	EA	LF	EA	EA
ASPHALT LOT		770.66	96.33	100		7	8		5818	20	
CONCRETE LOT	466				249	10	10	2	6388	20	10
TOTAL	466	770.66	96.33	100	249	17	18	2	12206	40	10



JEFFERSON COUNTY

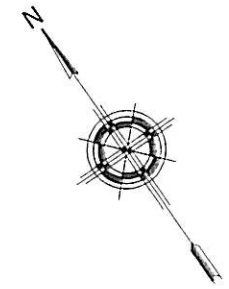
JEFFERSON COUNTY
COURTHOUSE
PARKING LOTS

PROJECT QUANTITIES
SHEET 1 OF 1

DESIGN	J.D.		SHEET NO.
CHECKED	D.R.		4

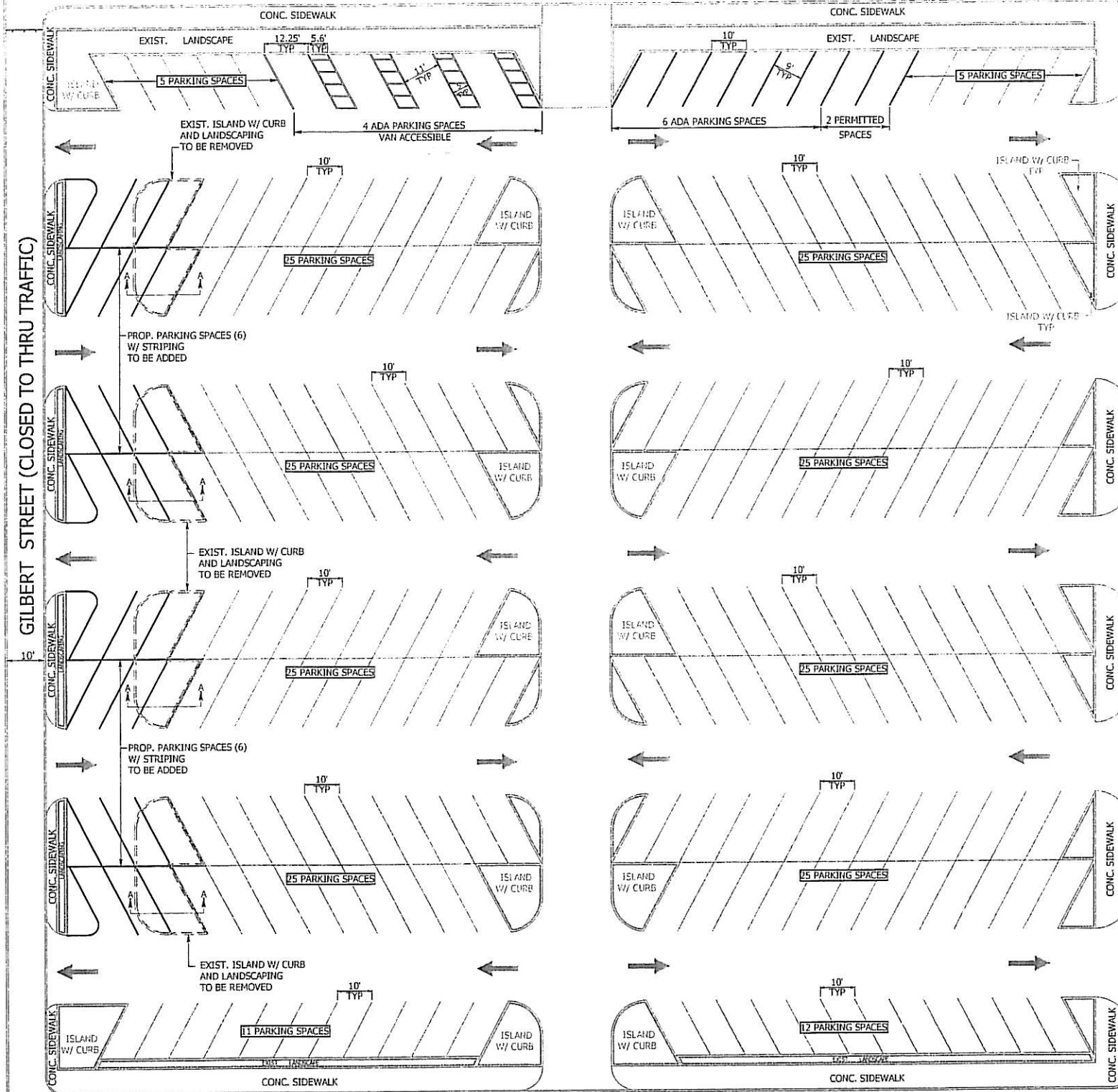
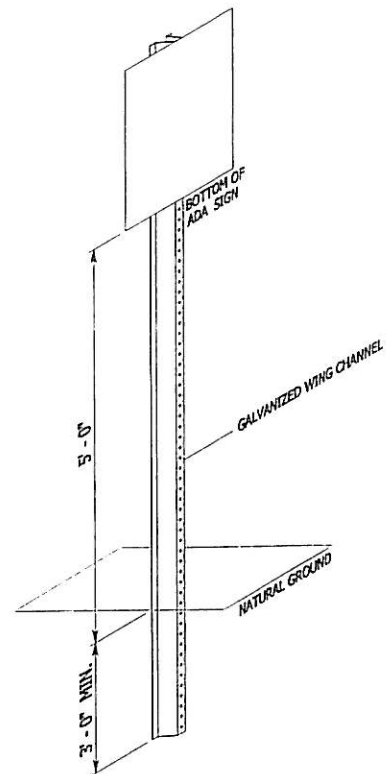
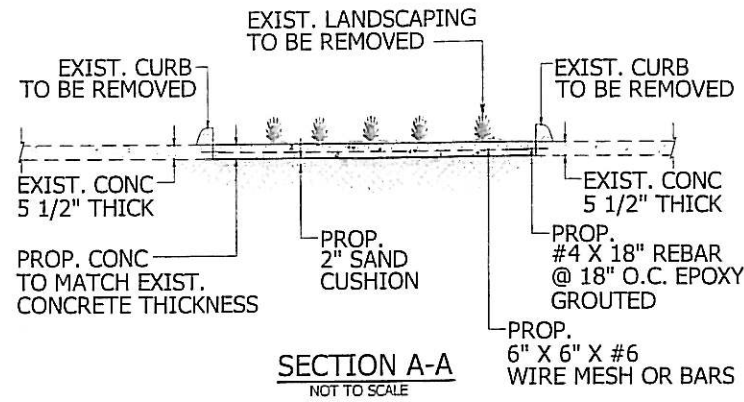
COURTHOUSE

PEARL STREET



SCALE: 1" = 40'

ASPHALT PARKING LOT



GILBERT STREET (CLOSED TO THRU TRAFFIC)

MILAM STREET

ORLEANS STREET (CLOSED TO THRU TRAFFIC)



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 REGISTERED PROFESSIONAL ENGINEER NO. 70807

11-2-12
 DATE



JEFFERSON COUNTY

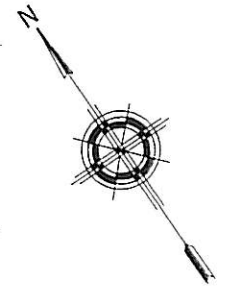
JEFFERSON COUNTY
 COURTHOUSE
 PARKING LOTS

CONCRETE ADDITIONS
 AND
 STRIPING PLAN
 PROJECT LAYOUT
 SHEET 1 OF 1

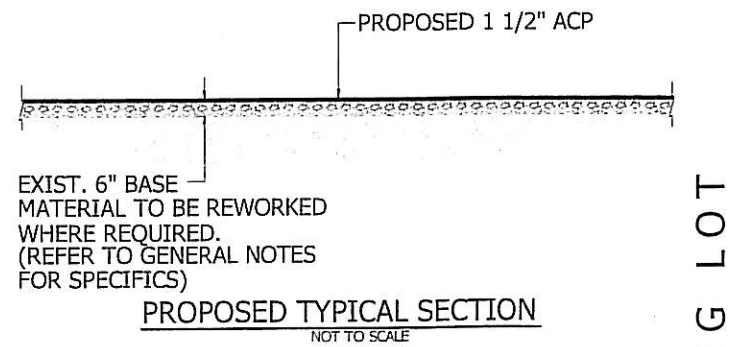
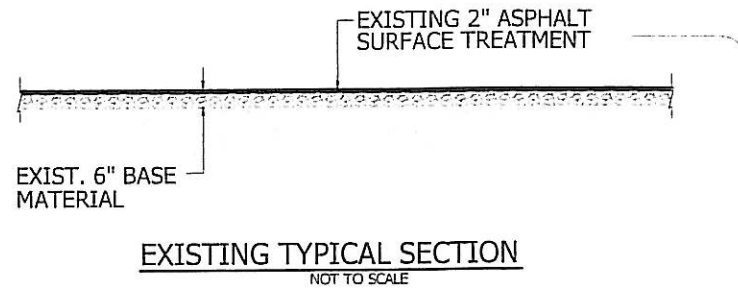
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CHECKED	D.R.	

COURTHOUSE

PEARL STREET

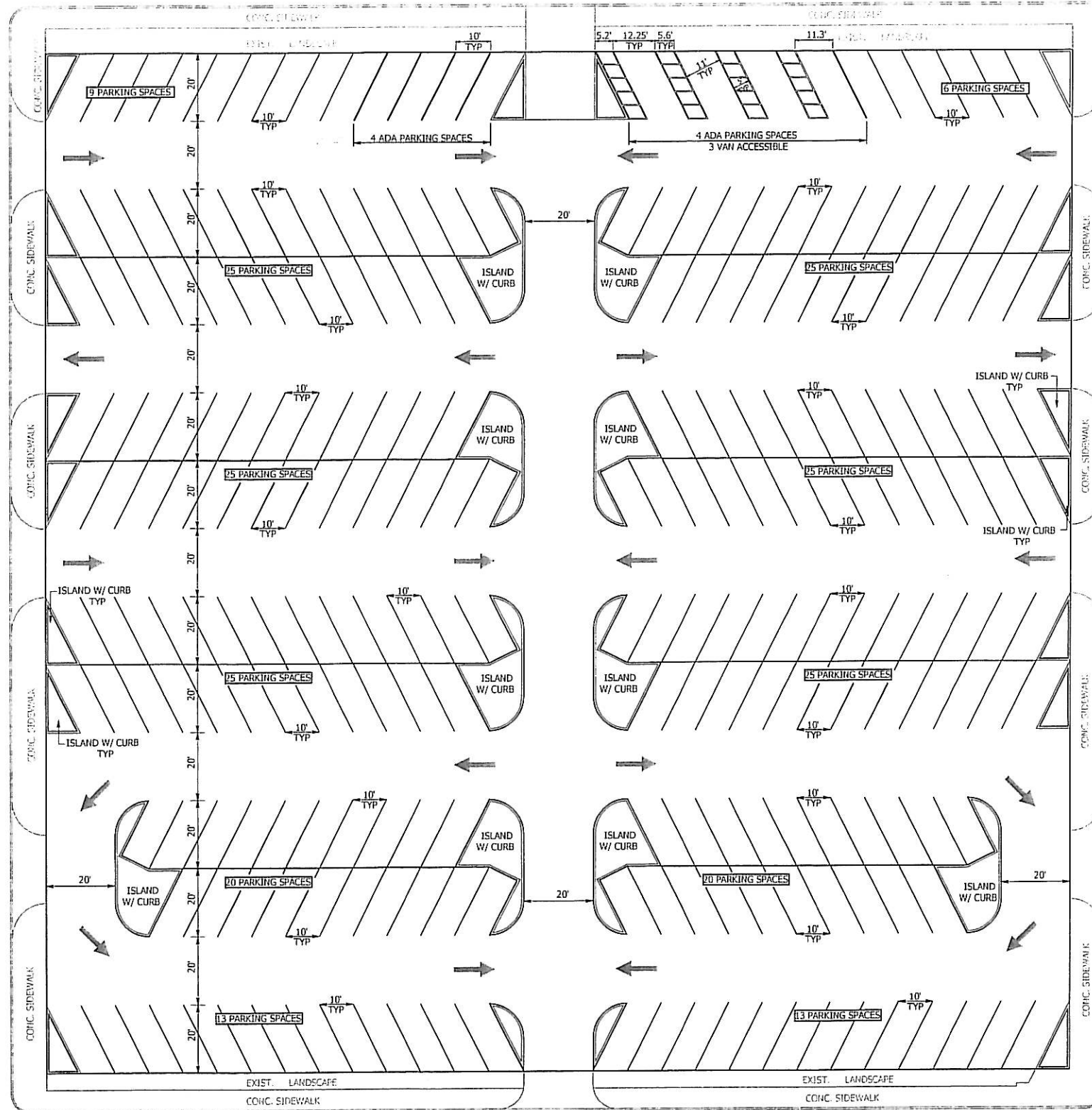


SCALE: 1" = 40'



CONCRETE PARKING LOT

MILAM STREET



ORLEANS STREET

FRANKLIN STREET



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JEFFERSON COUNTY

JEFFERSON COUNTY
COURTHOUSE
PARKING LOTS

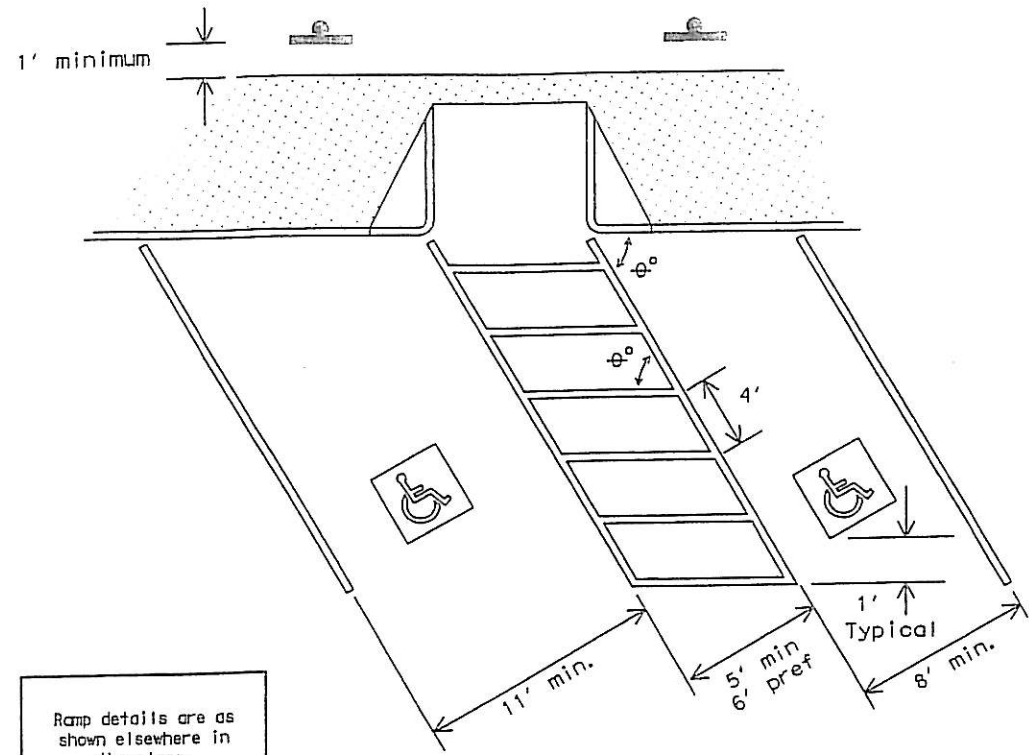
ASPHALT OVERLAY
AND
STRIPING PLAN
PROJECT LAYOUT
SHEET 1 OF 1

ADA SIGN PLACEMENT
NOT TO SCALE

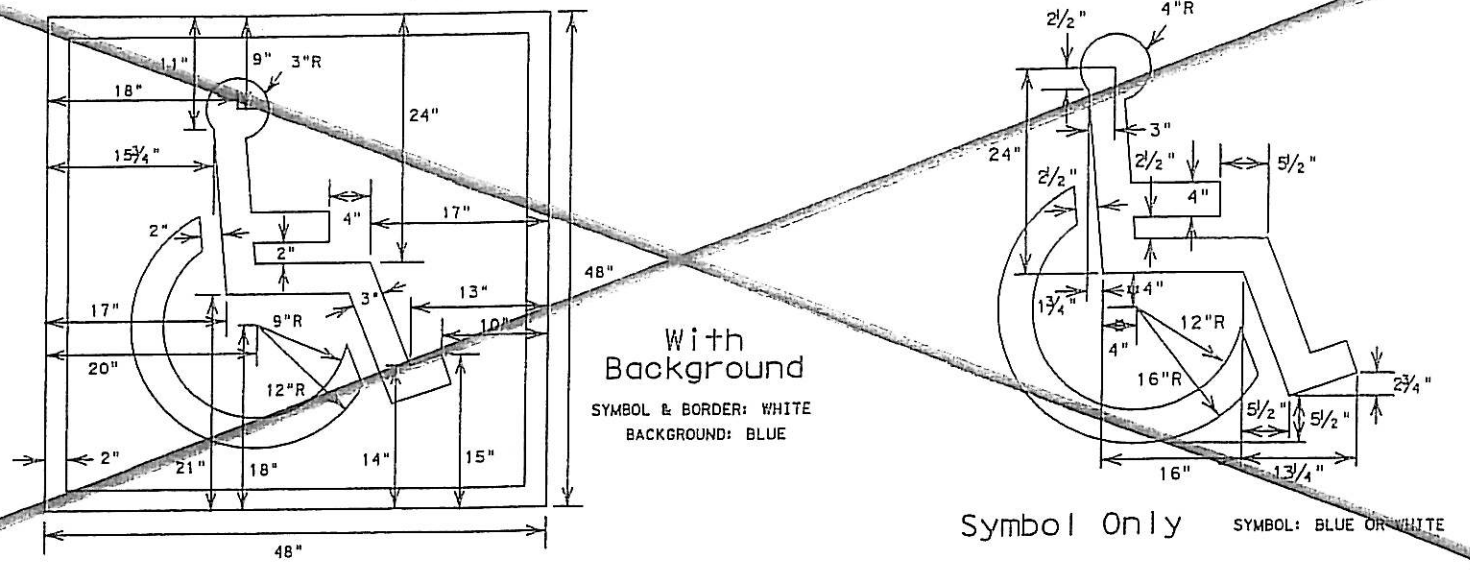
DESIGN	J.D.	SHEET NO. 6
CHECKED	D.R.	

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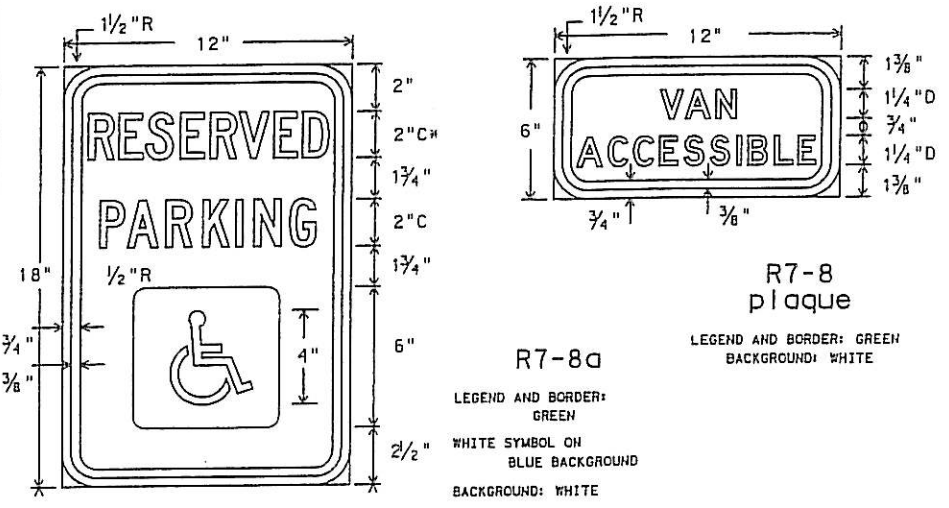
TYPICAL ACCESSIBLE PARKING SPACE DIMENSIONS



PAVEMENT MARKINGS



HANDICAPPED PARKING SIGN



SPECIFICATION REFERENCE TABLE

MATERIALS AND TESTS DIVISION SPECIFICATIONS	
ALUMINUM SIGN BLANKS	D-9-7110
REFLECTIVE SHEETING, TYPE C (HIGH SPECIFIC INTENSITY)	D-9-8300

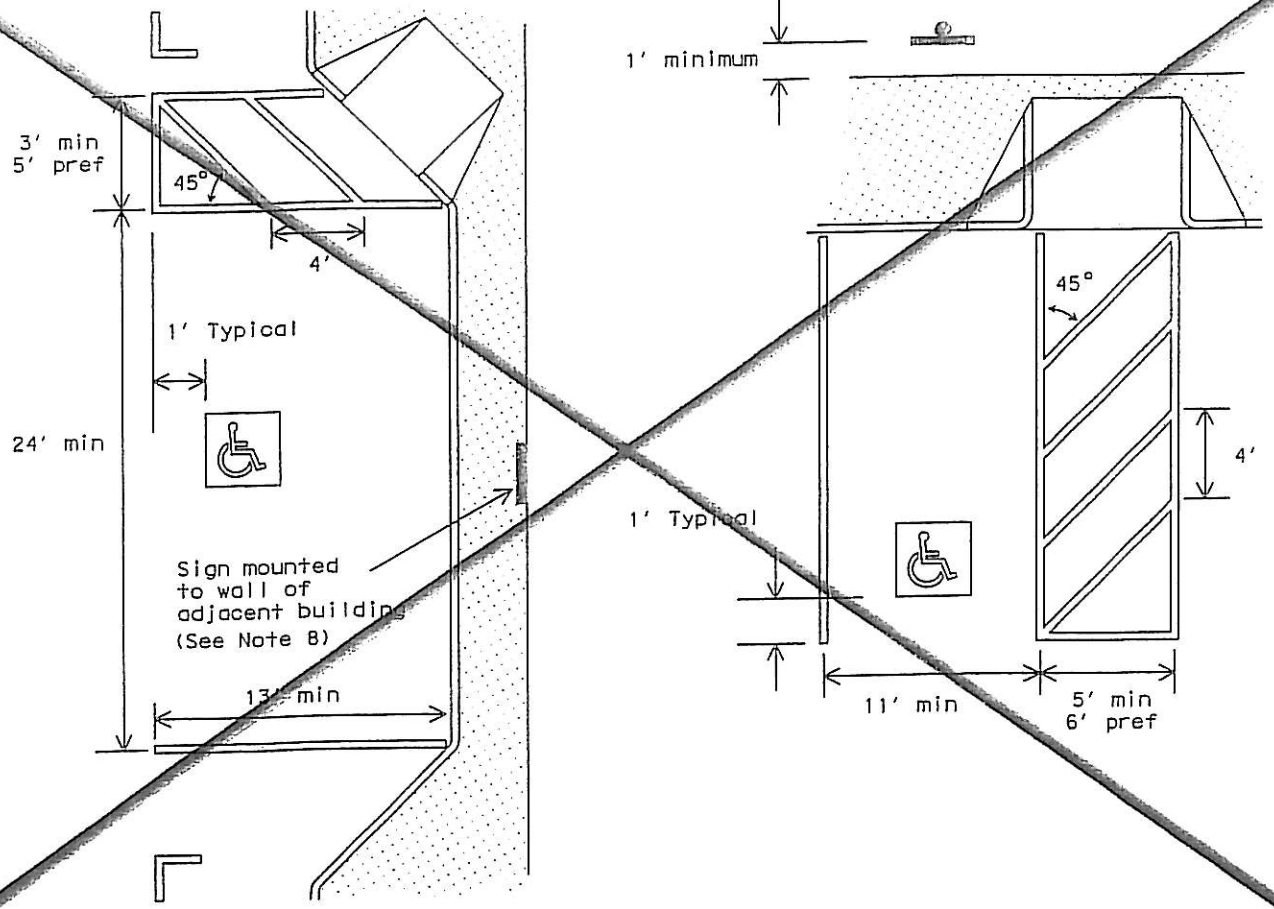
GENERAL SIGN NOTES:

The Alphabets and lateral spacing between letters and numerals shall conform with the Texas "Manual on Uniform Traffic Control Devices for Streets and Highways", latest edition, and any approved changes thereto. Lateral spacing of text shall provide a balanced appearance. All materials shall conform to Department Specifications.

Legend shall be applied by screening process of black and/or transparent colored ink, cut-out black vinyl non-reflective decal sheeting and/or reflective sheeting or combination thereof. Background shall be white reflective sheeting (Type C).

Sign blanks shall be one piece 0.08 inch thick sheet aluminum alloy (Type A), unless otherwise noted elsewhere in the plans.

- GENERAL NOTES:
- All parking space limit lines shall be 4" solid white lines.
 - Aisle markings shown are examples only. Other methods to indicate a NO PARKING area are acceptable. Aisle markings shall be white.
 - Dimensions of limit lines, aisle markings, and symbol (with or without background) may vary +10%.
 - Pavement marking symbols (with background):
 - are REQUIRED unless stated elsewhere in the plans,
 - should be placed toward the far end of the parking spaces so as to be visible to motorists in the travel lane,
 - may be painted or prefabricated material, and
 - shall be 30" x 30" minimum.
 - With approval of the Engineer, prefabricated pavement marking symbols with background of other dimensions exceeding the 30" x 30" minimum may be used. Alternative designs shall include a proportion sized symbol of accessibility, and shall conform to the illustrated colors for background, symbol and border.
 - An R7-8 sign:
 - shall be REQUIRED for each accessible parking space,
 - shall NOT be placed between two accessible parking spaces,
 - shall NOT be placed in a location that restricts movement of wheelchairs within the adjacent sidewalk, and
 - shall have a minimum mounting height of 7 feet. If mounted to wall or located so as not to be near pedestrian traffic minimum mounting height may be 7 feet.
 - Post mounted signs should be placed approximately 1 foot (or greater) behind the curb to prevent damage from vehicle overhang.
 - Signs may be mounted directly to an adjacent wall of a building when post mounting is impractical.



Texas Department of Transportation
Traffic Operations Division

PAVEMENT MARKINGS AND SIGNING FOR ACCESSIBLE PARKING

PM(AP)-98

© TxDOT August 1995	REVISED	DATE	BY	CHKD	DATE	BY
4-98						



Bradley Steven Stafford
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REGISTERED PROFESSIONAL ENGINEER NO. 70807

P.E. 11-2-12
DATE

DATE: FILE: