Street Improvements For

TOWNE PARC 3rd ADDITION

PHASE 2

CREED: From the E.L. Linden to the E.L. Towne Parc 3rd Addition
LINDEN: From the S.L. Hurst to the N.L. Towne Parc 3rd Addition

Private Project Number

061PPP (607879)

CITY OF WICHITA, KANSAS

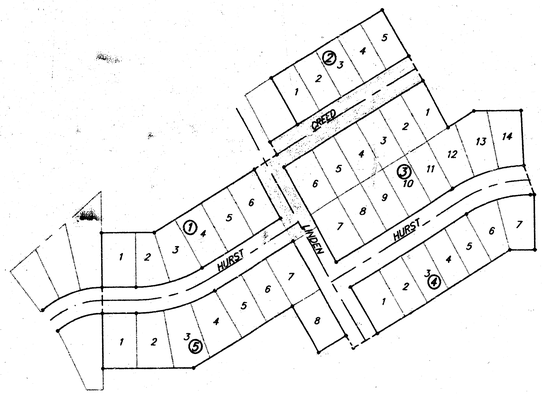
Michael E. Lindebak City Engineer

General Notes

1. The Contractor shall be responsible for preserving property irons. The Contractor will be required to re-establish any property irons which are disturbed by his construction operations. Such irons shall be re-established by a licensed land surveyor in accordance with state laws.

2. The Contractor shall adjust water valve boxes as necessary as directed by the Engineer. Any such adjustments shall be incidental to the project. Water valves, valve boxes, and fire hydrants damaged during construction shall be repaird by the Contractor at his own expense.

3 Traffic will not be affected by this project.



Project Area



SCALE: 1" = 150'

Sheet Index

1 TITLE SHEET
2 TYPICAL SECTION
3 VALLEY GUTTER DETAILS
4-5 PAVING LAYOUT

APPROVED AS NOTED
By CITY ENGINEER OF WICHITA

Sanitary Sewers _____
Storm Sewers _____
Driveway Approaches _____
Water Mains _____
Paving VRH 2/14/91

NOTE TO CONTRACTOR

INSPECTION AND TESTING FOR THIS PROJECT IS TO BE PROVIDED BY A LICENSED CONSULTING ENGINEERING FIRM UNDER CONTRACT WITH THE OWNER/DEVELOPER. SAID INSPECTION TO BE IN ACCORDANCE WITH THE CITY OF WICHITA STANDARD CONSTRUCTION ENGINEERING PRACTICES AND CERTIFIED BY A LICENSED PROFESSIONAL ENGINEER. NO WORK SHALL BE PERFORMED IN DEDICATED EASEMENTS OR PUBLIC RIGHT-OF-WAY BY THE CONTRACTOR WITHOUT SUCH INSPECTION NOR SHALL ANY WORK BE COMMENCED WITHOUT WRITTEN AUTHORIZATION BY THE CITY ENGINEER.

THOMAS CHARLES BAUGHMAN LICENSED 0021 KANSAS PROFESSIONAL ENGINEER

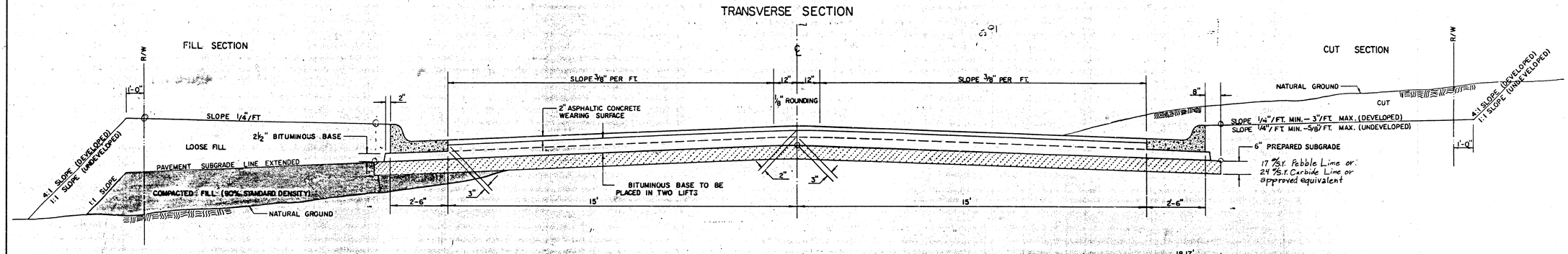
Revised as built 6-5-91 TCR 1/5

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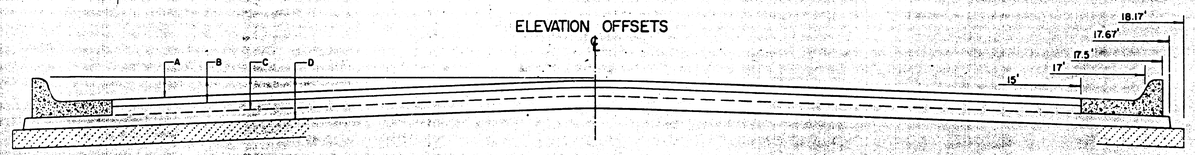
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TYPICAL 35' PAVEMENT DETAILS

TRANSVERSE SECTION

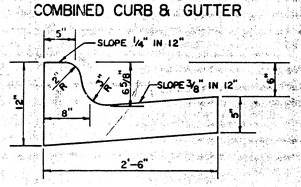


ELEVATION OFFSETS

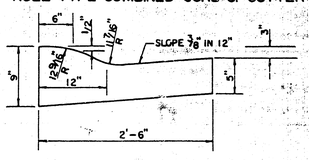


	DISTANCE FROM CENTERLINE (LT. & RT.)												
	0'	2'	4'	6'	8.5'	10'	12'	14'	15'	17'	17.5'	17.67'	18.17'
A: TOP OF CURBS TO TOP OF SURFACE LIFT	0.04	0.08	0.14	0.21	0.29	0.33	0.39	0.46	0.49	—	—	—	—
B: TOP OF CURBS TO TOP OF UPPER BASE LIFT	0.21	0.25	0.31	0.37	0.45	0.50	0.56	0.62	0.65	—	—	—	—
C: TOP OF CURBS TO TOP OF LOWER BASE LIFT	0.37	0.43	0.50	0.57	0.67	0.72	0.79	0.87	0.90	0.98	1.00	1.00	—
D: TOP OF CURBS TO TOP OF SUBGRADE	0.62	0.67	0.74	0.81	0.90	0.95	1.02	1.08	1.12	1.19	1.21	1.21	1.25

COMBINED CURB & GUTTER



ROLL TYPE COMBINED CURB & GUTTER



GENERAL NOTES

1) THE ASPHALTIC CONCRETE PAVEMENT BETWEEN THE COMBINED CURB AND GUTTER SHALL BE PAID AS SQUARE YARDS OF 7" ASPHALTIC CONCRETE (5" BITUMINOUS BASE).

2) THE BITUMINOUS BASE UNDER AND BEHIND THE COMBINED CURB AND GUTTER SHALL BE PAID AS SQUARE YARDS OF 2 1/2" BITUMINOUS BASE.

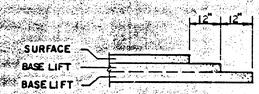
3) A TACK COAT OF EMULSIFIED ASPHALT (SC-1H OR CSS-1H) SHALL BE APPLIED AT AN APPROXIMATE RATE OF 0.05 GALLONS PER SQUARE YARD BETWEEN EACH LIFT OF ASPHALTIC MATERIAL.

4) BITUMINOUS BASE AND ASPHALTIC CONCRETE WEARING SURFACE SHALL BE PLACED WITH A LAYDOWN MACHINE HAVING AUTOMATIC CONTROLS FOR LINE AND GRADE.

5) CONSTRUCTION JOINTS IN EACH LIFT SHALL BE STAGGERED A MINIMUM DISTANCE OF ONE (1) FOOT FROM JOINTS IN PRECEDING LIFTS AND PLACED SO THAT A JOINT WILL BE CONSTRUCTED ON THE CENTERLINE OF THE TOP LIFT.

6) CONTRACTOR TO BID ONLY ONE SUBGRADE TREATMENT ALTERNATE WHEN ALTERNATES ARE PROVIDED IN THE PROPOSAL AND CONTRACT. THE ALTERNATE CHOSEN BY THE SUCCESSFUL BIDDER SHALL BE USED IN CONSTRUCTING THIS PROJECT.

TRANSVERSE CONSTRUCTION JOINTS



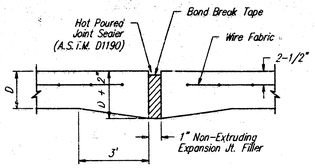
TRANSVERSE CONSTRUCTION JOINTS SHALL BE CONSTRUCTED IN FLEXIBLE BASE PAVEMENTS AT LOCATIONS WHERE PAVEMENT JOINS EXISTING FLEXIBLE BASE PAVEMENT AS SHOWN BY THE DETAIL. ALL COSTS ASSOCIATED WITH THE CONSTRUCTION OF THE TRANSVERSE JOINT SHALL BE INCLUDED IN THE BID PRICE FOR SQUARE YARDS 7" ASPHALTIC CONCRETE (5" BITUMINOUS BASE).

7 INCH RESIDENTIAL ASPHALTIC CONCRETE PAVEMENT WITH 5 INCH BITUMINOUS BASE

CITY OF WICHITA, KANSAS 2

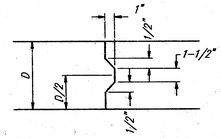
PROJECT NUMBER 061PPP (607879) 5

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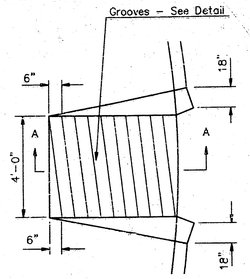


EXPANSION JOINT

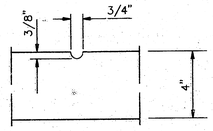
NOTE: Extra Thickness to be Subsidiary to Price of Square Yards Pavement



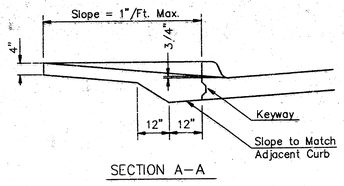
KEYWAY DETAIL



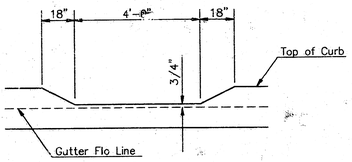
WHEELCHAIR RAMP PLAN VIEW



GROOVE DETAIL

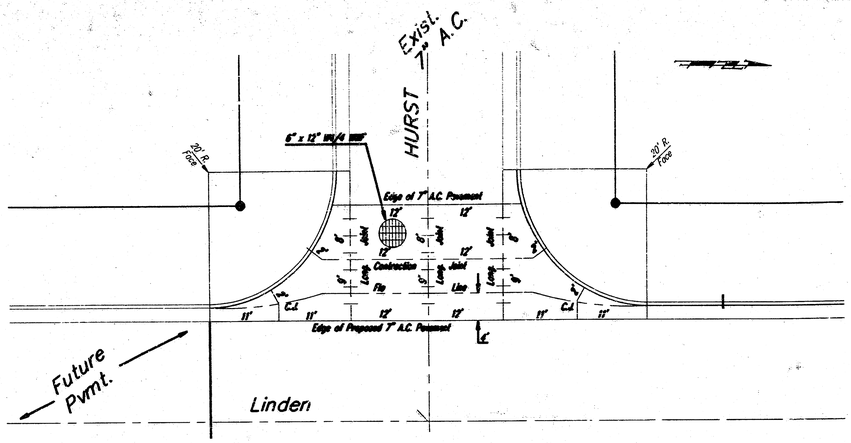


SECTION A–A

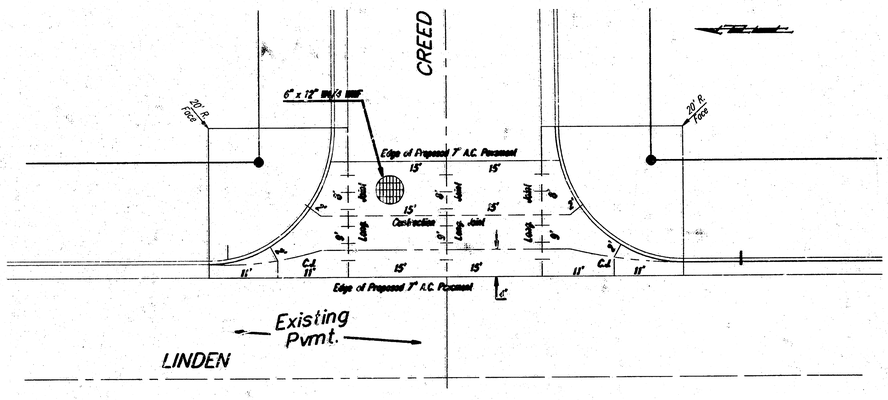


DEPRESSED CURB DETAIL

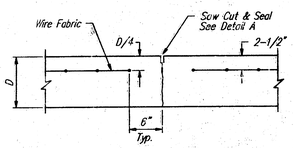
WHEELCHAIR RAMP DETAIL



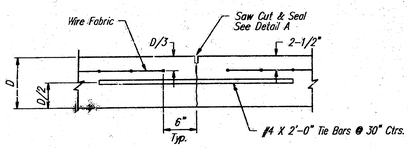
VALLEY GUTTER DETAIL – LINDEN & HURST



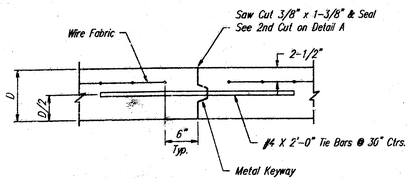
VALLEY GUTTER DETAIL – LINDEN & CREED



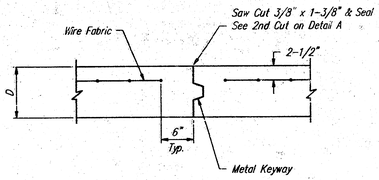
CONTRACTION JOINT DETAIL (C.J.)



LONGITUDINAL JOINT DETAIL (L.J.)

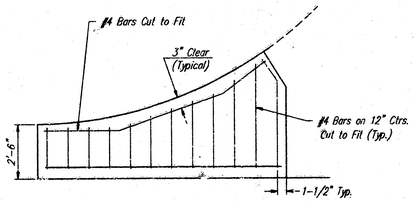


LONGITUDINAL JOINT DETAIL (L.J.)

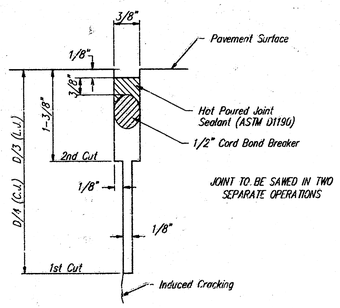


OPTIONAL CONTRACTION CONST. JOINT (C.J.)

(ALTERNATE C.J.)



WING REINFORCING DETAIL



SAW JOINT DETAIL

MISC\HOGOVG

VALLEY GUTTER DETAILS

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REV.

PROJECT NUMBER
061PPP (607879)

SHEET 3 OF 5

DESIGN	DRAWN	APPROVED	DATE	SCALE
CWB\TCR	BLP		1-22-91	1" = 20'

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TOWNE PARC 3rd ADDITION

PVI
214.50
60' V.C.

Sta. 0+00

Sta. 0+37

Sta. 4+07

+0.676%

-1.25% (Future)

Scale: 1"=20'
●=Iron

TOWNE PARC 2nd ADDITION

LINDEN

Saw, remove curb & gutter and pavement as shown. Replace 7" A.C. pavement to high edge.

5' Transition to Roll-type Cb. & Gtr.

20'R

Sta. 0+32 -Iron

Construct 7" A.C. Pavement (5" Bituminous Base) w/combined curb & gutter. (3516')

Sta. 3+77

Sta. 3+92

+98.06 H.P.

Iron

Iron NE Corner Lot 5, Blk.1 Towne Parc 3rd add.

Existing AC Pvm't.

Match Flo

0+00 Begin Full Crown

CREED

64' R/W

34' Fc-Fc.

Construct 7" Valley Gutter Pavement (5" Concrete and 2" Bituminuos Base) with Monolithic Curbs.

90°0'0"

Existing 8" Water Line

Valve Box Elev. 214.40

Valve Box Elev. 211.80

8" Water Line

Valve Box Elev. 212.40

Construct wheelchair Ramp

Construct 4' Concrete Sidewalk

NOTE: Roll-type curb & gutter constructed on this project.

town\creed Revised as built 6-5-91 TCR

CREED

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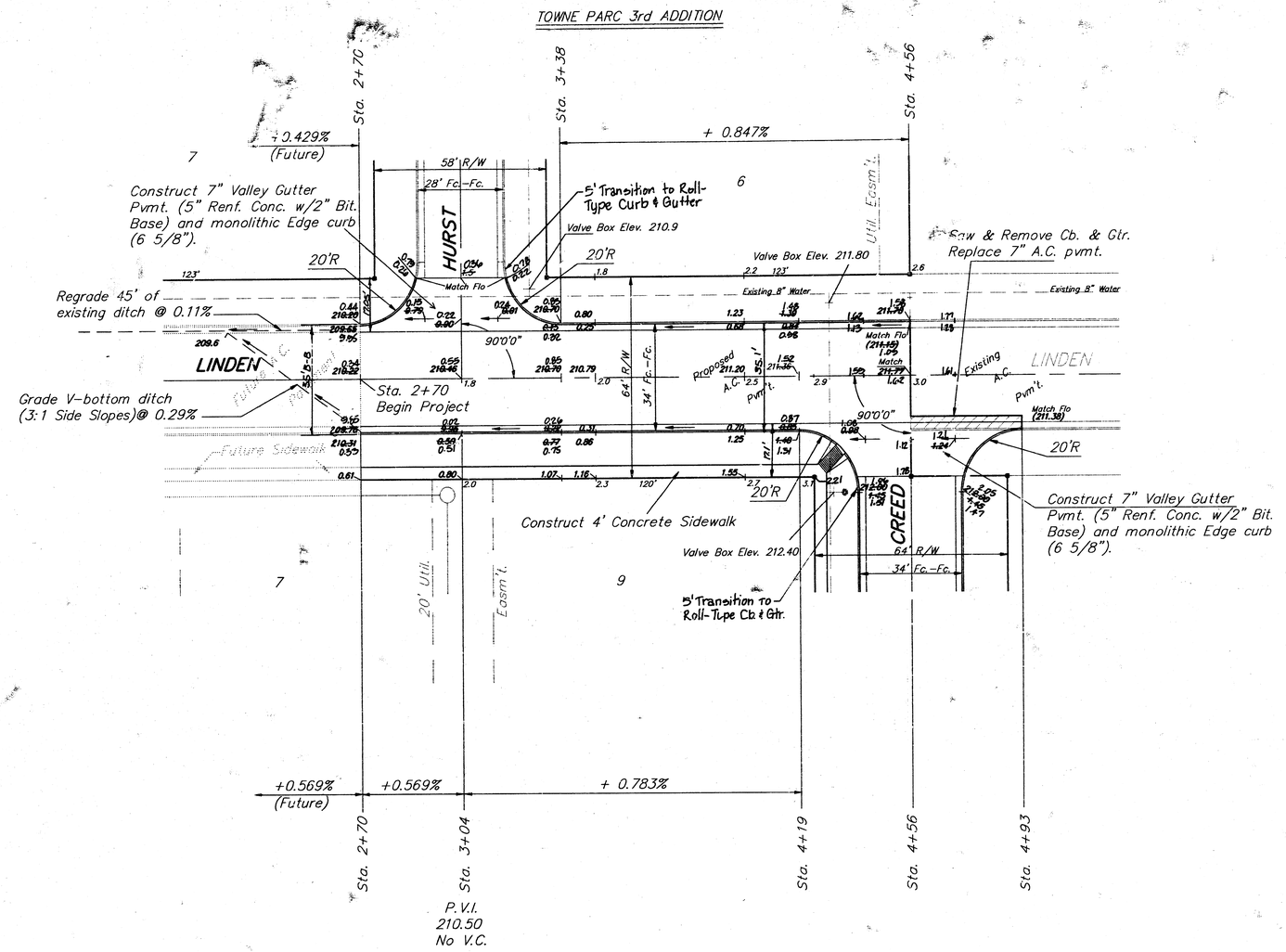
SHEET 4 OF 5

DESIGN	DRAWN	APPROVED	DATE	SCALE
TCR	BLP		1-22-91	1"=20'

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Scale: 1"=20'
●=Iron

TOWNE PARC 3rd ADDITION



town\linden Revised as built 6-5-91 TCR

LINDEN

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REV.

PROJECT NUMBER
061PPP (607879)

SHEET 5 OF 5

DESIGN	DRAWN	APPROVED	DATE	SCALE
TCR	BLP		1-22-91	1"=20'

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