CITY OF WICHITA, KANSAS
STREET IMPROVEMENTS

SHILOH FROM THE NORTH LINE OF SMITHMOOR SEVENTH ADDITION, SOUTH TO AND INCLUDING CUL-DE-SAC
MT. VERNON, FROM THE WEST LINE OF LOT 2, BLK. 3 SMITHMOOR SEVENTH ADDITION
TO THE EAST LINE OF LOT 1, BLK. 4, SMITHMOOR SEVENTH ADDITION

PROJECT NO.: 472-82860
INDEX CODE: 764993

GENERAL NOTES:

1. UTILITY SERVICE LINES, POLES, VALVE BOXES, METERS AND ETCETERA ARE TO BE ADJUSTED AS NECESSARY BY OTHERS PRIOR TO CONSTRUCTION UNLESS THE PLANS SPECIFICALLY CALL FOR THEIR ADJUSTMENT BY THE CONTRACTOR OR UNLESS THE PLANS SPECIFICALLY IDENTIFY A UTILITY TO BE ADJUSTED BY ITS OWNER DURING CONSTRUCTION. EXISTING UTILITIES AND THEIR LOCATION AS SHOWN ON THE PLANS REPRESENT THE BEST INFORMATION OBTAINABLE FOR DESIGN. THE CONTRACTOR WILL BE REQUIRED TO WORK AROUND EXISTING UTILITIES WITHIN THE RIGHT-OF-WAY WHICH DO NOT CONFLICT WITH PROPOSED CONSTRUCTION.

2. THE CONTRACTOR SHALL PROVIDE A MINIMUM OF FORTY-EIGHT (48) HOURS ADVANCE NOTICE TO ALL UTILITY OWNERS PRIOR TO WORK IN ANY AREA WHERE EXISTING UTILITIES WILL BE UNCOVERED TO ALLOW THE UTILITY OWNER TO INSPECT THE UNCOVERING OF THEIR UTILITY. ANY UTILITY CARELESSLY DAMAGED BY HIS CONSTRUCTION OPERATION SHALL BE REPAIRED OR REPLACED AT NO EXTRA COST TO THE CITY. THE CONTRACTOR SHALL COORDINATE WITH CONTRACTORS FOR UTILITY COMPANIES AND OTHER AGENCIES FOR MINIMUM INCONVENIENCE TO GENERAL PUBLIC.

3. CONTRACTOR SHALL AVOID UNCOVERING THE EXISTING WATERLINES UNLESS ABSOLUTELY NECESSARY. UNCOVERING SHALL BE DONE ONLY IN THE PRESENCE OF A WATER DEPARTMENT ENGINEER.

4. ALL ADJACENT BUILDINGS, STRUCTURES, PARKING LOTS, DRIVES, STREET PAVEMENTS, UTILITY LINES UTILITY STRUCTURES AND APPURTENANCES OTHER THAN SHOWN FOR REPLACEMENT SHALL BE PROTECTED FROM DAMAGE DURING CONSTRUCTION OF THE PROJECT. ITEMS DAMAGED BEYOND THE LIMITS SHOWN SHOWN ON THE DRAWINGS SHALL BE REMOVED AND REPLACED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.

5. A SAW CUT OF AT LEAST ONE-HALF THE DEPTH OF EXISTING SURFACE COURSES OR ONE-FOURTH THE DEPTH OF THE EXISTING TOTAL PAVEMENT THICKNESS SHALL BE PROVIDED AT LOCATIONS WHERE PROPOSED CONSTRUCTION ABUTS AN EXISTING SURFACE COURSE OR PAVEMENT FOR WHICH PARTIAL REMOVAL OF THAT SURFACE OR PAVEMENT IS REQUIRED. SAWED JOINTS TO FACILITATE REMOVAL WITHIN THREE (3) FEET OF EXISTING JOINT WILL NOT BE PERMITTED AND FOR SUCH INSTANCES THE LIMITS OF REMOVAL SHALL EXTEND TO EXISTING JOINT. SUCH SAW CUTS WILL NOT BE PAID FOR DIRECTLY AND THIS COST SHALL BE CONSIDERED SUBSIDIARY TO THE REMOVAL OF THE SURFACE OR PAVEMENT.

6. MISCELLANEOUS STRUCTURES AND EXCAVATION WHICH IS TO BE WASTED SHALL BE DISPOSED OF ON SITES TO BE PROVIDED BY THE CONTRACTOR. THESE SITES SHALL BE APPROVED BY THE ENGINEER AS TO SUITABILITY, APPEARANCE AND SITE LOCATION. LOCATIONS THAT, IN THE OPINION OF THE ENGINEER LEAVE AN UNSIGHTLY APPEARANCE WILL NOT BE APPROVED.

ALL DISPOSAL SITES MUST BE APPROVED BY THE KANSAS DEPARTMENT OF HEALTH AND ENVIRONMENT. MATERIAL EITHER STOCKPILED OR DISPOSED OF IN A FLOOD PLAIN WOULD REQUIRE A KANSAS STATE BOARD OF AGRICULTURE PERMIT. ANY MATERIAL DUMPED IN WATERS OF THE UNITED STATE OR WETLANDS IS SUBJECT TO U.S. CORPS OF ENGINEERS PERMITTING REGULATIONS. ANY MATERIAL BURIED OR STOCKPILED BEYOND APPROVED CONSTRUCTION LIMITS WOULD REQUIRE ADDITIONAL ARCHAEOLOGICAL INVESTIGATIONS UNLESS BURIED IN A PREVIOUSLY APPROVED BORROW LOCATION.

7. TREES AND SHRUBS IN PUBLIC RIGHT-OF-WAY WHICH ARE IN STRICT CONFLICT WITH PROPOSED NEW CONSTRUCTION SHALL BE REMOVED BY THE CONTRACTOR WITH ENGINEER'S APPROVAL. TREES AND SHRUBS WHICH ARE NOT IN DIRECT CONFLICT WITH PROPOSED NEW CONSTRUCTION SHALL BE SAVED AND PROTECTED FROM DAMAGE.

8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PRESERVING PROPERTY IRONS SHOWN ON THE PLANS. THE CONTRACTOR WILL BE REQUIRED TO RE-ESTABLISH ANY SHOWN PROPERTY IRONS WHICH ARE DAMAGED OR DESTROYED BY HIS CONSTRUCTION OPERATIONS. SUCH IRONS SHALL BE RE-ESTABLISHED BY A LICENSED LAND SURVEYOR IN ACCORDANCE WITH STATE LAW. THIS WORK SHALL BE SUBSIDIARY TO OTHER ITEMS IN CONTRACT.

9. ALL SALVAGEABLE DRAINAGE PIPES, MANHOLE RINGS AND COVERS AND INLET GRATES SHALL BE CAREFULLY REMOVED AND STOCKPILED AT LOCATIONS WITHIN THE RIGHT-OF-WAY, AS DIRECTED BY THE ENGINEER FOR REMOVAL BY CITY PERSONNEL.

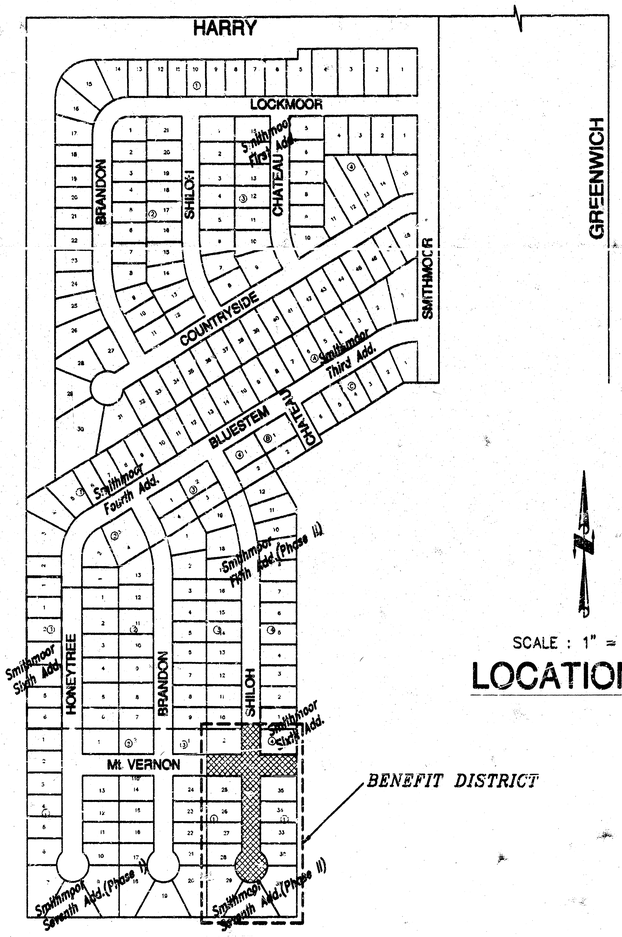
10. THE CONTRACTOR WILL BE REQUIRED TO PROVIDE A MINIMUM ADVANCE NOTICE OF FORTY-EIGHT (48) HOURS TO EACH OF THE FOLLOWING UTILITIES PRIOR TO THE BEGINNING OF CONSTRUCTION AND REQUEST THAT ANY EXISTING LINES BE FLAGGED:

ARKLA GAS CO. 1630 S. EASTER WICHITA, KANSAS 67209 JERRY WATKINS 316-942-8380	SOUTHWESTERN BELL TELEPHONE CO. 104 N. BROADWAY WICHITA, KANSAS 67202 GREG SHARP 316-268-2245
KANSAS GAS & ELECTRIC CO. BOX 208 WICHITA, KANSAS 67201 DON MORGAN 316-261-6285	WICHITA SEWER MAINTENANCE DIVISION WATER & WATER POLLUTION CONTROL DEPT. 8TH FLOOR-CITY HALL 455 N. MAIN STREET WICHITA, KANSAS 67202 SUSAN TURNER 316-268-4210
WICHITA WATER DEPARTMENT 8TH FLOOR - CITY HALL 455 N. MAIN STREET WICHITA, KANSAS 67202 CHUCK STEVENS 316-268-4565	MULTIMEDIA CABLEVISION 701 EAST DOUGLAS WICHITA, KANSAS 67202 DON SHUE 262-4270
KANSAS ONE CALL 1-800-344-4210	DIG SAFE 857-2470

11. CONTRACTOR SHALL GIVE PROPERTY OWNERS ABUTTING THIS PROJECT, WHOSE YARDS WILL BE LOWER THAN THE NEW FINISHED GRADE ELEVATIONS AT THE RIGHT-OF-WAY LINE, AN OPPORTUNITY TO UTILIZE EXCESS EXCAVATED MATERIAL FROM THE PROJECT TO REGRADE THEIR YARDS TO DRAIN TO THE NEW PAVEMENT. CONTRACTOR WILL BE REQUIRED TO DUMP AND SPREAD THE EXCESS MATERIAL AS REQUIRED BY THE SPECIFICATIONS WHEN REQUESTED BY THE PROPERTY OWNER. THE CONTRACTOR SHALL ASCERTAIN THAT A DIRT ORDER FORM HAS BEEN PROPERLY EXECUTED BY THE PROPERTY OWNER BEFORE ANY SUCH EXCESS MATERIAL IS DELIVERED TO SUCH PROPERTY.

12. THE CONTRACTOR MUST EXAMINE THE CONSTRUCTION SITE PRIOR TO BIDDING AND BE SATISFIED AS TO THE WORK SHOWN FOR COMPLETION. AFTER ALL BIDS HAVE BEEN RECEIVED, THE CONTRACTOR SHALL NOT ASSERT THAT THERE WAS A MISUNDERSTANDING OF THE QUANTITIES OF WORK OR THE NATURE OF WORK TO BE COMPLETED.

13. TEMPORARY SEEDING OF RIGHT-OF-WAY: CONTRACTOR SHALL PREPARE THE AREA WITHIN RIGHT-OF-WAY THAT IS TO RECEIVE TEMPORARY SEEDING IN ACCORDANCE WITH CITY OF WICHITA STANDARD SPECIFICATIONS. CONTRACTOR SHALL APPLY RYE GRASS SEED AT A RATE OF 50 POUNDS/ACRE. APPLY MULCH IN ACCORDANCE WITH CITY OF WICHITA REQUIREMENTS.



SCALE : 1" = 200'

LOCATION MAP

INDEX:

SHEET	1	TITLE SHEET
SHEET	2	PLAT
SHEET	3-4	TYPICAL PAVING SECTIONS
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SHEET	7	INTERSECTION DETAILS
SHEET	8	STD. VALLEY GUTTER DETAIL
SHEET	9	SIGNING DETAILS
SHEET	10-11	CROSS-SECTIONS

PROJECT LENGTH:

STREET	LENGTH
SHILOH	404.24
MT. VERNON	278
TOTAL	682.24

BENCH MARKS:

BM #1. S. Rim of MH # 43-13-3, Located at SE corner of Lot 2, Block 4, Smithmoor Fifth Addition Wichita, Segwick County, Kansas. Elevation = 177.24

EARTHWORK SUMMARY
Excavation = 1,278 C.Y.
Loess Fill = 180 C.Y.
Excess Excavation material shall be Spread on an area adjacent to & East of Smithmoor 7th Add.

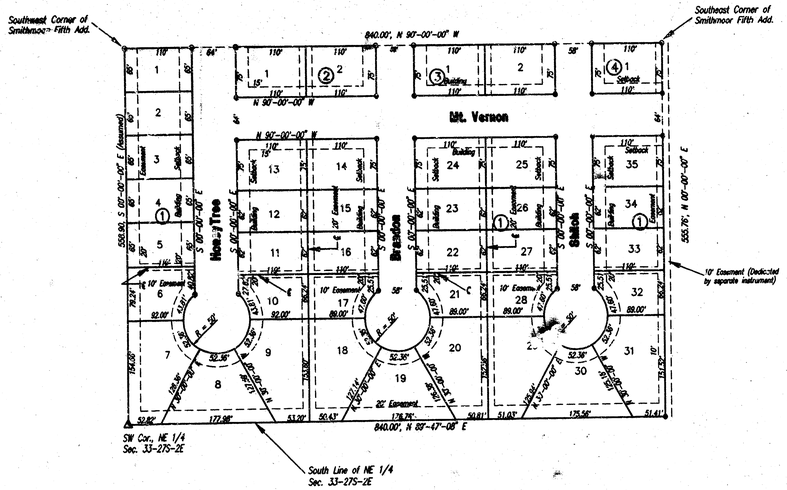
MICHAEL E. LINDEBAK, P.E., CITY ENGINEER

TITLE SHEET

SCALE:	APPROVED:	DRAWN BY: S.A.
DATE:		CHECKED: B.K.
PROJECT NO: 98-31 (MUNICIPAL)		SHEET NO.: 1 OF 11

MUNICIPAL ENGINEERS
354-LAURA, SUITE 201
WICHITA, KANSAS 67211
316-262-3842

C:\SC14\WORK\SM7\11\paving\tit.dwg Mon Jun 2, 10:28:55 1998



SCALE : 1" = 100'

LEGEND:

- ○ 5/8" Rebar Found
- ● 5/8" Rebar Set
- △ Govt. Corner

BENCH MARK ELEVATIONS

Lot 1, Block 1	168.0
Lot 2, Block 1	168.3
Lot 3, Block 1	168.6
Lot 4, Block 1	168.9
Lot 5, Block 1	169.2
Lot 6, Block 1	169.5
Lot 7, Block 1	174.5

Elevations shown are City of Wichita Datum.

BENCH MARK: Top of Kahole located 5' North and 10' East of Northwest corner of Lot 1, Block 1, Smithmoor Seventh Addition. Elev. = 167.20

FINAL PLAT

SMITHMOOR SEVENTH ADDITION TO WICHITA, SEDGWICK COUNTY, KANSAS

LIBRARY COPY
SEDGWICK COUNTY, KANSAS
REGISTER OF DEEDS
LARRY CONSOLVER

STATE OF KANSAS)
) SS
SEDGWICK COUNTY)

I, Babar M. Khan, A Licensed land surveyors in aforesaid county and state, do hereby certify that I have surveyed and platted "Smithmoor Seventh Addition to Wichita, Sedgwick County, Kansas and that the accompanying plat is a true and correct exhibit of property surveyed, described as follows:

Beginning at the Southwest corner of Smithmoor Fifth Addition to Wichita, Sedgwick County, Kansas, said point of beginning being on the West line of the Northeast quarter of Section 33, Township 27 South, Range 2 East of the 6th Principal Meridian, Sedgwick County, Kansas; Thence South along the West line of said Northeast quarter, 558.90 feet, more or less to the Southwest corner of said Northeast quarter; Thence East along the South line of said Northeast quarter, 840.00 feet; Thence North 555.76 feet to the Southeast corner of Smithmoor Fifth Audition; Thence West along the South line of Smithmoor Fifth Addition, 840.00 feet to the point of beginning.

All easement, right-of-ways, previously granted are hereby vacated in accordance with K.S.A. 12-512(b), as amended.

This survey was completed on August 20, 1997.

BABAR M. KHAN, R.L.S. # 985

Know all men by these presents, That we, the undersigned owners of the land above set forth in the Surveyor's certificate, have caused the land to be surveyed and platted into lots, blocks, and streets, the same to be known as "Smithmoor Seventh Addition to Wichita, Sedgwick County, Kansas". Easements as indicated for the construction and maintenance of public utilities are hereby granted. The streets are hereby dedicated to and for the use of the public. The minimum building pad elevations for Lots 1 through 7, Block 1 are as set forth on this plat.

Hyrl Smith, President
Smith & Company, Inc.

STATE OF KANSAS)
) SS
SEDGWICK COUNTY)

This instrument was acknowledged before me on this 25 day of August, 1997, BY Ron Smith as President of Smith & Company.

Ann L. Rhea, Notary Public

My Commission Expires: 4-23-01

ANN L. RHEA
NOTARY PUBLIC
STATE OF KANSAS
My Appt. Exp. 4-23-01

We, Emprise Bank, holder of a mortgage on the above described property do hereby consent to this Plat "Smithmoor Seventh Addition to Wichita Sedgwick County, Kansas".

EMPRISE BANK
Edie D. Wubbel
ASSISTANT VICE PRESIDENT

STATE OF KANSAS)
) SS
SEDGWICK COUNTY)

This instrument was acknowledged before me on 27 day of August, 1997, By Edie D. Wubbel as Assistant Vice President and by _____ as _____ of Emprise Bank and on behalf of Emprise Bank.

Melanie R. Penner, Notary Public

My Commission Expires: May 10, 1998

MELANIE R. PENNER
Notary Public - State of Kansas
My Appt. Expires 5-10-98

This Plat of "Smithmoor Seventh Addition" has been submitted to and approved by The Wichita-Sedgwick County Metropolitan Area Planning Commission, Wichita, Kansas.

Dated 28th day of August, 1997.

John C. Frye, Chairman
John Frye

Marvin Krout, Secretary
Marvin Krout

Consent is hereby given for the formation of Sanitary Sewer District within the boundary of this plat by the Board of Sedgwick County Commissioners, deem necessary to provide sanitary sewer service to this area.

This plat approved and all dedications, shown hereon, if any, accepted by the City Council of City of Wichita, Kansas, This 16th day of September 1997.

Bob Knight, Mayor

Pat Burnett, City Clerk

Entered on transfer record on this 15th day of October, 1997.

James Alford, County Clerk

#1639613

This is to certify that this instrument was filed for record in the Register of Deeds office at 4:15, on this 15th day of October, 1997.

Larry Consolver, Register of Deeds

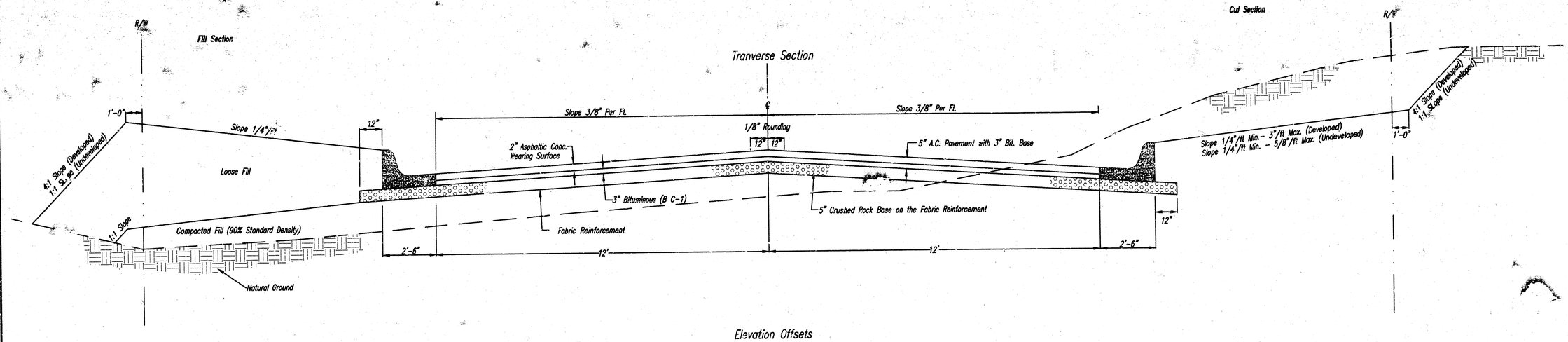
Michael Hurtt, Deputy

PROJECT NO 472-82960

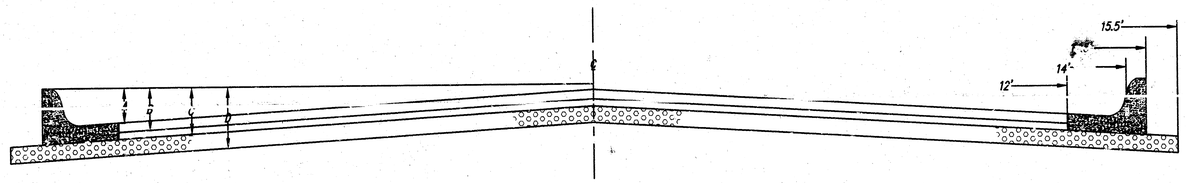
MUNICIPAL ENGINEERS, P.A.
254-LAURA, SUITE 201
WICHITA, KANSAS 67211
316-262-3842

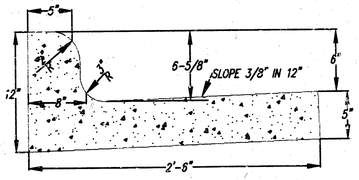
SHEET 2 OF 11

TYPICAL 29' PAVEMENT DETAILS

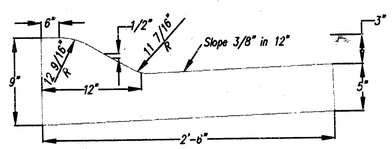


Elevation Offsets





COMBINED CURB & GUTTER

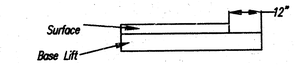


ROLL TYPE COMBINED CURB & GUTTER

	Distance from centerline (Lt. or Rt.)									
	0'	2'	4'	6'	7'	8'	10'	12'	14'	14.5'
A. Top of curbs to top of surface Lift	0.13	0.18	0.24	0.30	0.33	0.36	0.43	0.49	0.49	–
B. Top of curbs to top of base lift	0.30	0.35	0.41	0.47	0.50	0.53	0.60	0.66	0.65	–
C. Top of curbs to top of rock base	0.55	0.60	0.66	0.72	0.75	0.78	0.85	0.91	0.91	1.00
D. Top of curbs to top of subgrade										

Fabric base reinforcement shall be B x 1100 by Tensar corporation or approved equal. Fabric base reinforcement shall be installed in accordance with manufactures recommendations. Crushed rock shall be uniformly graded from 1-1/2" max. six to not more than 10% passing a no. 200 sieve. Rock quality shall be the same as specified for coarse aggregate for concrete mixes.

TRANSVERSE CONSTRUCTION JOINTS



Transverce construction joints shall be constructed in flexible base pavement at locations where pavement joints existing flexible base pavement as shown by the detail. All costs assocted with the construction of the transverse joint shall be included in the bid price for square yards 5" asphaltic concrete pavement (3" bituminous base.)

GENERAL NOTES

Rock base is to be compacted and smoothed with a steel faced roller prior to placement of asphalt. Tack coat will not be applied to rock base.

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.

Bituminous base and asphaltic concrete wearing surface shall be placed with a laydown machine having automatic controls for line and grade.

Construction joint 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.

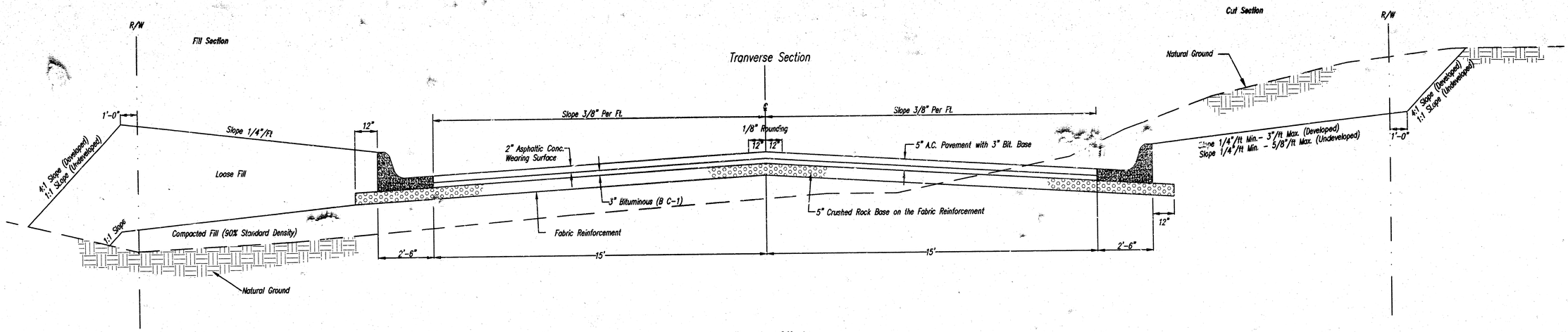
5" Residential Asphaltic Concrete Pavement with Crushed Rock Base on Fabric Reinforcement

SCALE:	APPROVED:	DRAWN BY:
DATE:		CHECKED:
PROJECT NO: 472-82.860		SHEET NO.: 3 OF 11

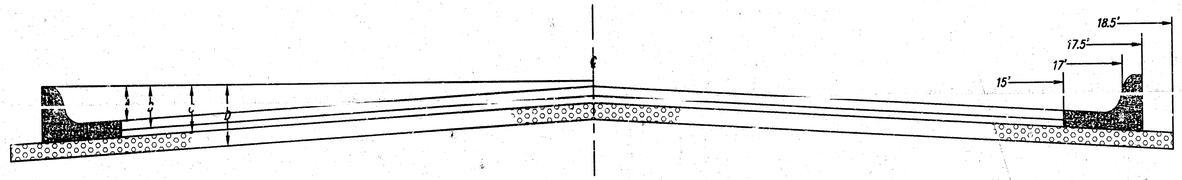
MUNICIPAL ENGINEERS
254-LAURA, SUITE 201
WICHITA, KANSAS 67211
316-262-3842

C:\SCI\4WORK\WC11\variation\11-05-98.dwg Thu May 28 11:00:46 1998

TYPICAL 35' PAVEMENT DETAILS

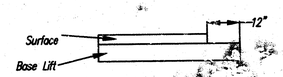


Elevation Offsets

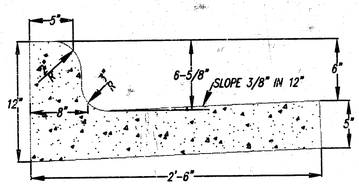


Fabric base reinforcement shall be B x 1100 by Tensar corporation or approved equal. Fabric base reinforcement shall be installed in accordance with manufactures recommendations. Crushed rock shall be uniformly graded from 1-1/2" max. six to not more than 10% passing a no. 200 sieve. Rock quality shall be the same as specified for coarse aggregate for concrete mixes

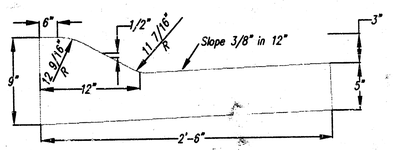
TRANSVERSE CONSTRUCTION JOINTS



Transverse construction joints shall be constructed in the [illegible] pavement joints existing flexible base pavement as shown in the detail. [illegible] with the construction of the transverse joint shall be installed [illegible] 5" asphaltic concrete pavement (3" bituminous base.)



COMBINED CURB & GUTTER



ROLL TYPE COMBINED CURB & GUTTER

	Distance from centerline (Lt. or Rt.)										
	0'	2'	4'	6'	8.5'	10'	12'	14'	15'	17'	17.5'
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 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 rock base	0.46	0.50	0.56	0.63	0.71	0.75	0.81	0.88	0.91	0.98	1.00
D. Top of curbs to top of subgrade											

GENERAL NOTES

Rock base is to be compacted and smoothed with a steel faced roller prior to placement of asphalt. Tack coat will not be applied to rock base.

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.

Bituminous base and asphaltic concrete wearing surface shall be placed with a laydown machine having automatic controls for line and grade.

Construction joint 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.

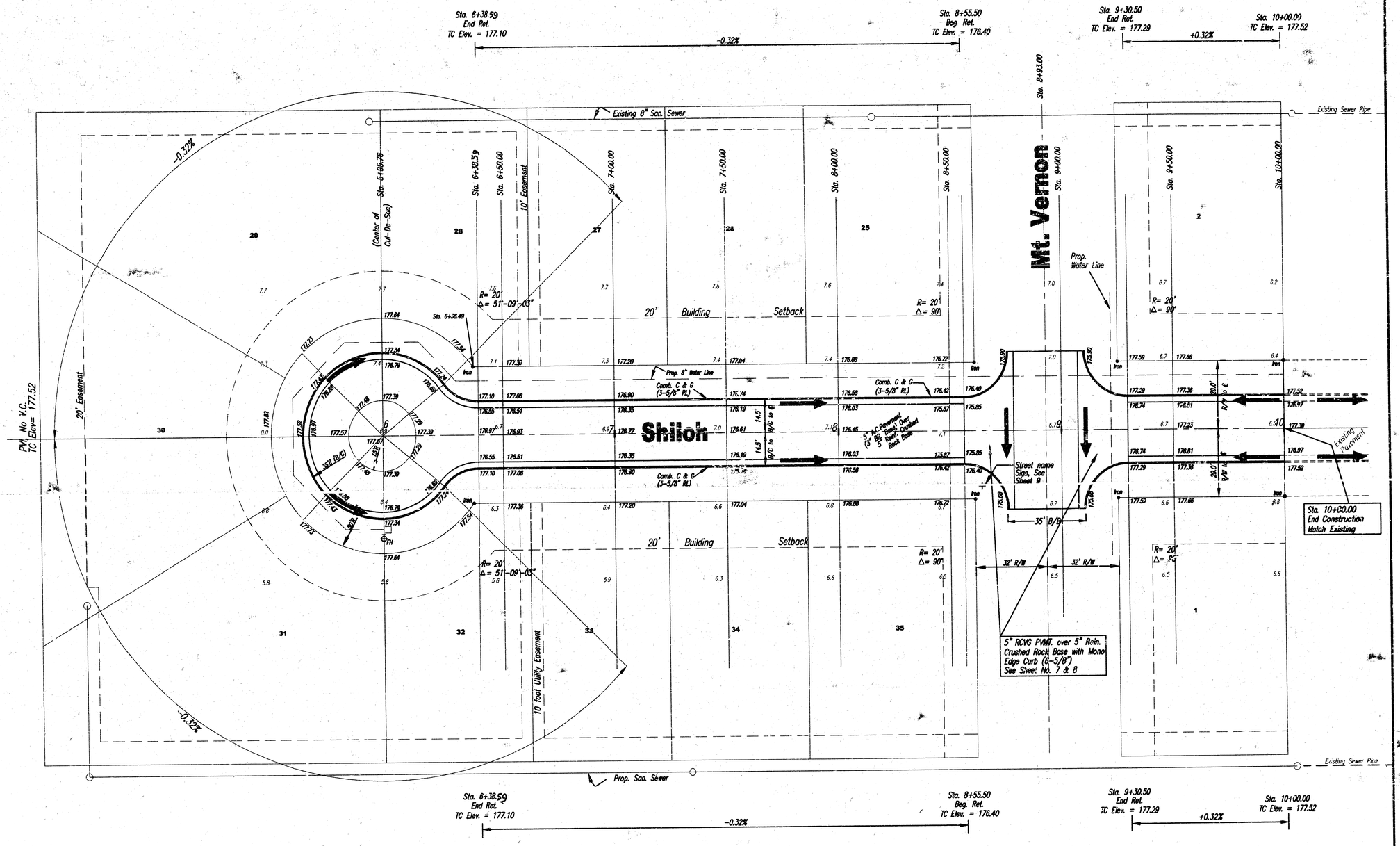
5" Residential Asphaltic Concrete Pavement with Crushed Rock Base on Fabric Reinforcement

SCALE:	APPROVED	DRAWN BY:
DATE:		CHECKED:
PROJECT NO. 472-82860		SHEET NO.: 4 OF 11

MUNICIPAL ENGINEERS
254-LAURA, SUITE 201
WICHITA, KANSAS 67211
316-262-3842

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SCALE: 1" = 20'



NOTES:

1. Install Transition curb from Sta. 8+50.00 to Sta. 8+55.50 and Sta. 9+30.50 to Sta. 9+36.00, to be Paid for as C & G (3-5/8" Rl.)
2. All elevations shown are for C & G (6-5/8" & 1-1/2")
3. Warp Crown from full crown @ Sta. 8+00.00 to half crown @ Sta. 8+55.50. Warp crown from half crown to @ Sta. 9+30.50 to full crown @ Sta. 10+00.00

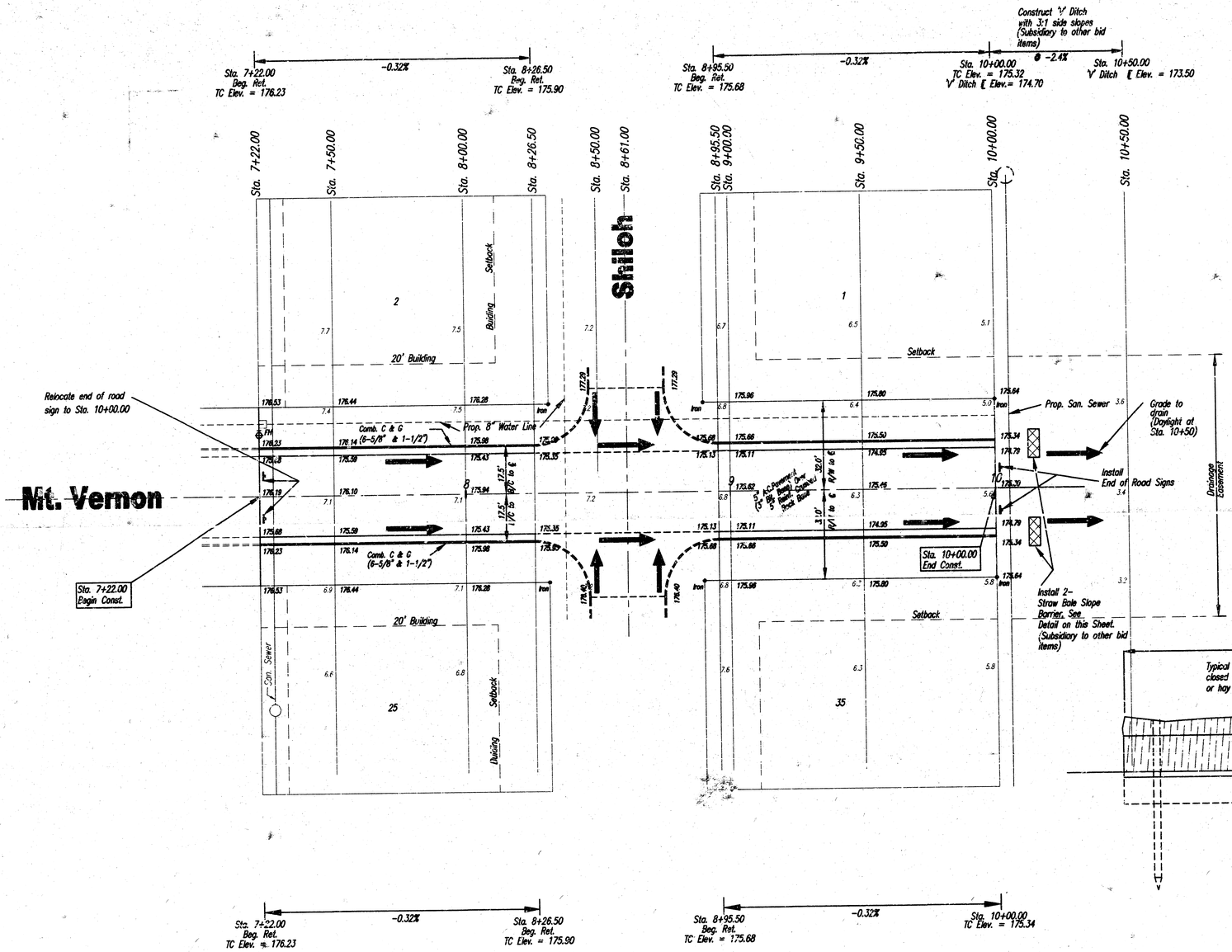
Plan Sheet
Shiloh
Smithmoor Seventh Addition

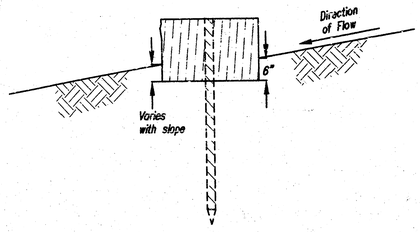
SCALE:	APPROVED:	DRAWN BY:
DATE:		CHECKED:
PROJECT NO: 472-82860		SHEET NO.: 5 OF 11

MUNICIPAL ENGINEERS
254-LAURA, SUITE 201
WICHITA, KANSAS 67211
316-262-3842

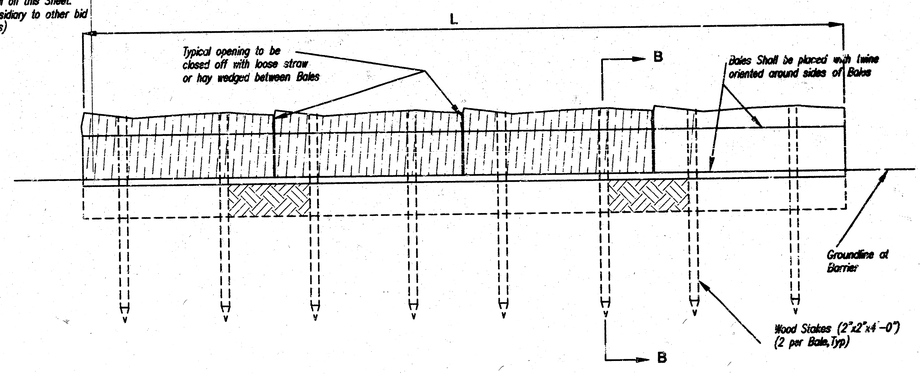
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SCALE: 1" = 20'





SECTION B-B



STRAW BALE SLOPE BARRIER

NOTE:

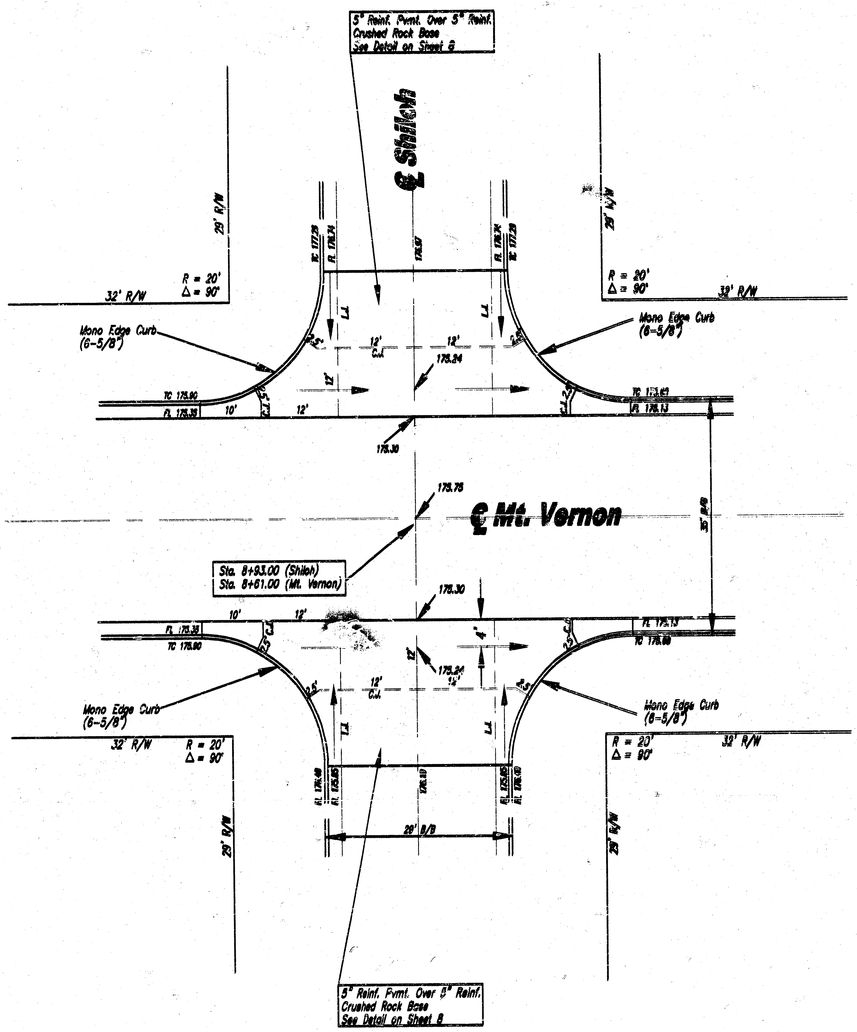
1. Place bales tightly together with loose straw or hay wedged between bales to close off any opening.
2. Use any twine to bind bales.
3. L = 10'
4. This work is subsidiary to other bid items.

Plan Sheet
Mt. Vernon
Smithmoor Seventh Addition

SCALE:	APPROVED	DRAWN BY:
DATE:		CHECKED:
PROJECT NO: 472-82050		SHEET NO.: 6 OF 11

MUNICIPAL ENGINEERS
254-LAURA, SUITE 201
WICHITA, KANSAS 67211
316-262-3642

c:\SC14\WORK\SW11\paving\vern.dwg Tue Jun 23 07:56:46 1998



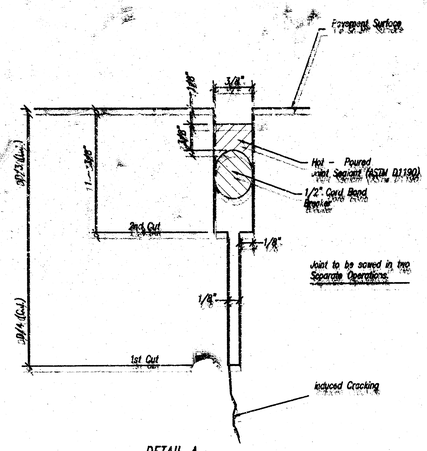
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INTERSECTION DETAILS

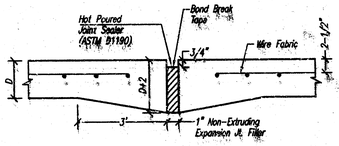
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DATE:		CHECKED
PROJECT NO 472-82868		SHEET NO. 7 OF 11

MUNICIPAL ENGINEERS
954-LAURA, SUITE 951
WICHITA, KANSAS 67211
913-262-5948



DETAIL A

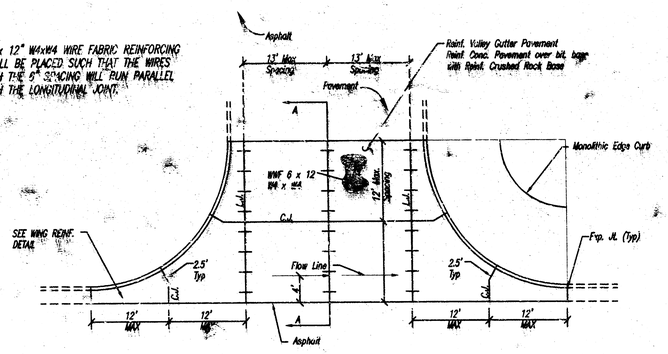
NOTE:
All concrete valley gutter reinforcement shall be adequately supported by bar chairs in the required position unless approved otherwise by the Engineer.



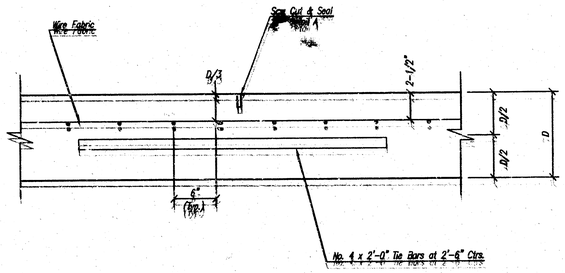
EXPANSION JOINT

Note:
Extra Thickness to be subsidiary to Price of Sq. Yds. Pavement.

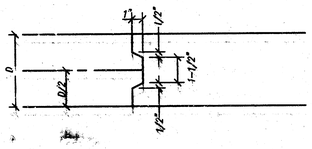
6" x 12" W4xW4 WIRE FABRIC REINFORCING SHALL BE PLACED SUCH THAT THE WIRES WITH THE 6" SPACING WILL RUN PARALLEL WITH THE LONGITUDINAL JOINT.



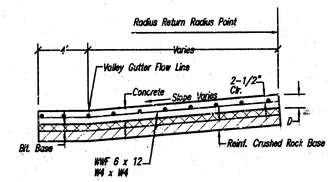
PLAN
REINFORCED VALLEY GUTTER



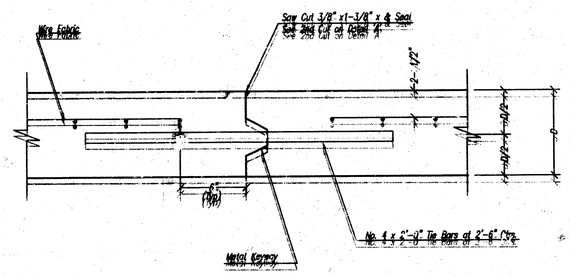
LONGITUDINAL JOINT DETAIL (L.J.)



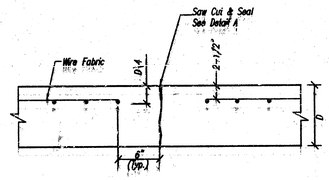
KEYWAY DETAIL



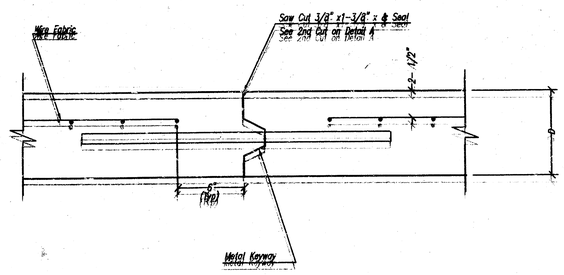
SECTION A-A



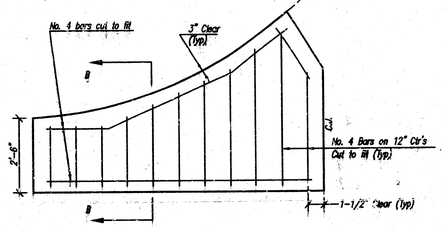
OPTIONAL LONGITUDINAL CONSTRUCTION JOINT (L.J.)
(Alternate L.J.)



CONTRACTION JOINT DETAIL (C.J.)

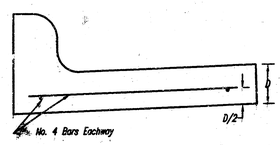


OPTIONAL CONTRACTION CONSTRUCTION JOINT (C.J.)
(Alternate C.J.)



WING REINFORCING DETAIL

Note: Omit Wire fabric reinforcing in this section.



SECTION B-B

LEGEND
C.J. Identifies Contraction Joint
L.J. Identifies Longitudinal Joint

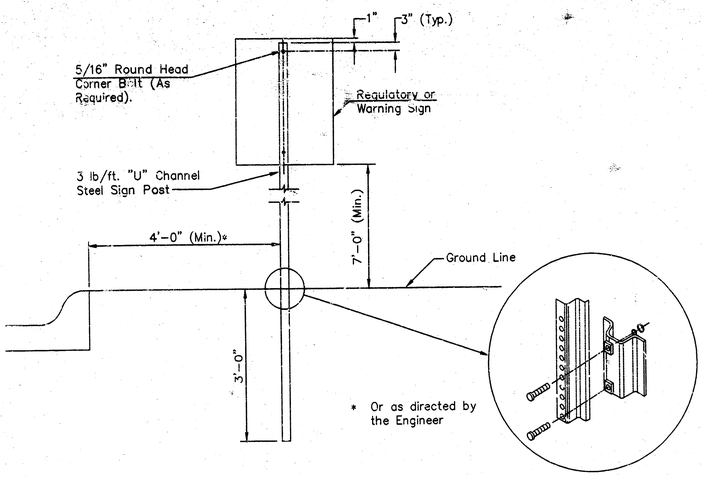
VALLEY GUTTER DETAILS

PROJECT No 172-92860

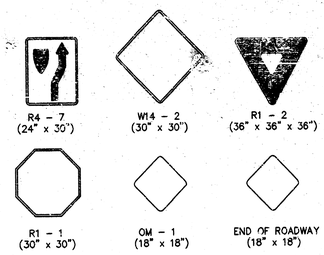
SHT 6 OF 11

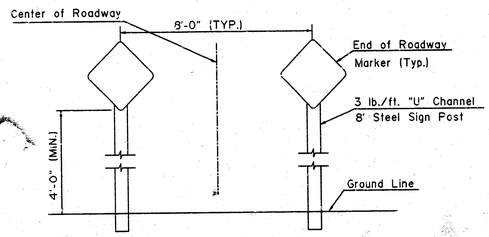
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FHWA REG. NO.	STATE	PROJECT NO.	YEAR	SHEET NO.	SHEETS
7	KANSAS		1995	35	47

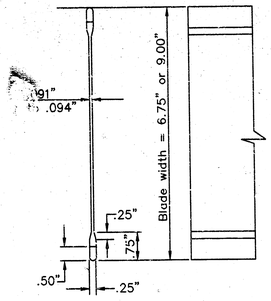


TYPICAL TRAFFIC CONTROL SIGN MOUNTING INSTALLATION
CURB AND GUTTER SECTION





TYPICAL END OF ROADWAY SIGN MOUNTING INSTALLATION



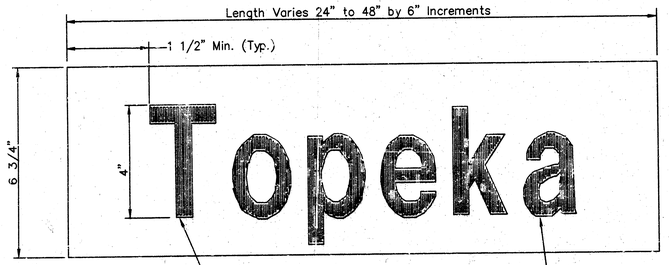
STREET NAME SIGN
BLADE DETAILS

SIGN ASSEMBLY TABLE

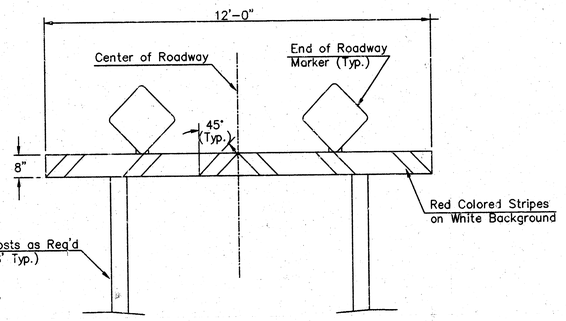
STATION	OFFSET	SIGN	QUANTITY
10+14	LT.	2 HR. PARKING	1
10+60	RT.	"	1
12+90	RT.	"	1
15+20	LT.	"	1
8+12 (Shiloh)	Rt.	Street Name	
TOTAL			

* FOR INFORMATION ONLY

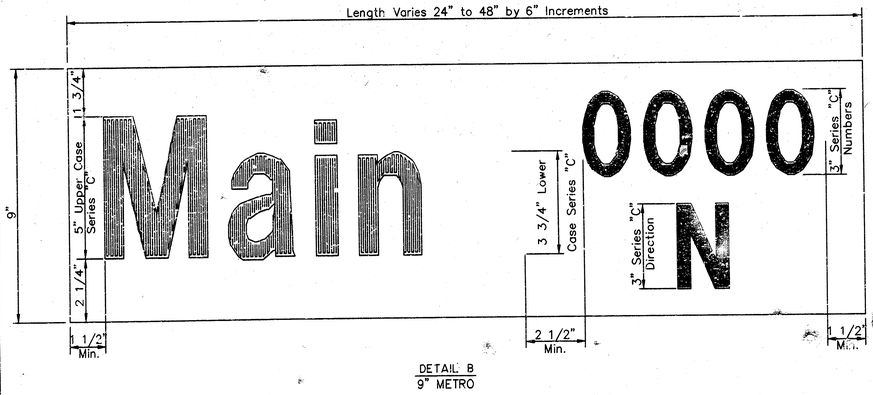
STREET NAME	NO. BLADES REQ'D	
	6 3/4" STD.	9" METRO
Shiloh	1	
Mt. Vernon	1	



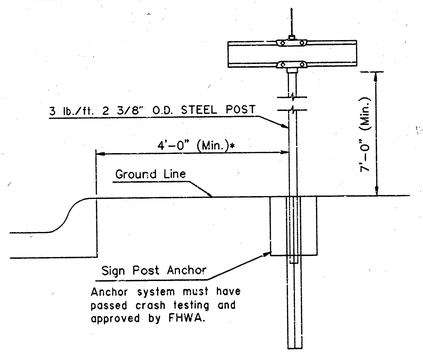
DETAIL A
6 3/4" STANDARD



TYPE I BARRICADE DETAIL W/ E.O.R. MARKER



DETAIL B
9" METRO



TYPICAL STREET NAME SIGN MOUNTING INSTALLATION
CURB AND GUTTER SECTION

NOTE: REFERENCES BELOW TO 'STANDARD SPECIFICATIONS' DENOTE 'STANDARD SPECIFICATION FOR STATE ROAD AND BRIDGE CONSTRUCTION, EDITION 1990' BY THE KANSAS DEPARTMENT OF TRANSPORTATION.

1. POST ANCHORS: POSTS SHALL BE ANCHORED WITH A YIELDING BASE POST SUPPORT AS DETAILED.

2. POSTS FOR TRAFFIC CONTROL SIGNS: POSTS SHALL CONFORM TO THE REQUIREMENTS OF SUBSECTION 1620 OF THE STANDARD SPECIFICATIONS EXCEPT THAT ALL POSTS SHALL WEIGH 3 LBS./FOOT MINIMUM.

3. POSTS FOR STREET NAME SIGNS (SNS): POSTS SHALL BE 9 FEET LONG, CONSTRUCTED FROM 2 3/8" O.D. GALVANIZED STEEL PIPE WEIGHING A MINIMUM OF 3 LBS./FOOT. POSTS SHALL BE POSITIONED SO THAT THE BOTTOM BLADE IS 7 FEET ABOVE GRADE.

4. POSTS FOR END OF ROADWAY SIGN TO BE 8' LONG AND INSTALLED A MINIMUM OF 4' FROM ROADWAY TO BOTTOM OF SIGN.

5. SIGN BLANKS FOR TRAFFIC CONTROL SIGNS: SIGN BLANKS SHALL BE FABRICATED FROM 0.080" ALUMINUM ALLOY 6063-T6 CONFORMING TO THE REQUIREMENTS OF SUBSECTION 1626 OF THE STANDARD SPECIFICATIONS.

6. SIGN BLADES FOR STREET NAME SIGNS: EXTRUDED ALUMINUM BLADES SHALL BE ALUMINUM ALLOY CONFORMING TO 6063-T6 OR 5052-H38 (ASTM SPECIFICATION B221, LATEST ISSUE). BLADES SHALL HAVE AN ALODINE OR PHOSPHATE ETCHED FINISH. BLADES SHALL HAVE SQUARE CORNERS AND NO HOLES.

   BLADES BEARING THE STREET NAMES SHALL BE FIRMLY ATTACHED TO THE MOUNTING BRACKETS USING ALLEN-TYPE SET SCREWS. THE BLADES SHALL BE ORIENTED PARALLEL TO THE STREET.

7. MOUNTING BRACKETS FOR SIGNS: DIE-CAST ALUMINUM BRACKETS SHALL BE ALUMINUM ALLOY 360 HAVING A TENSILE STRENGTH OF 44,000 PSI. THE BRACKETS SHALL BE SMOOTHLY FINISHED FREE OF PITS, BURRS, AND FLAWS. EACH BRACKET SHALL BE TAPPED AND DRILLED FOR 5/16" ZINC-PLATED ALLEN-TYPE SET SCREWS HAVING SELF-LOCKING SAW-TOOTH ENDS.

8. FASTENERS: ALL STEEL FASTENERS FOR TRAFFIC CONTROL SIGNS SHALL BE GALVANIZED AND SHALL CONFORM TO THE REQUIREMENTS OF SUBSECTION 1614 OF THE STANDARD SPECIFICATIONS.

9. REFLECTIVE SHEETING: REFLECTIVE SHEETING SHALL BE TYPE II - HIGH PERFORMANCE CLASS HA IN ACCORDANCE WITH SUBSECTION 2201 OF THE STANDARD SPECIFICATIONS.

10. PROCESS INK: ALL PROCESS INK SHALL CONFORM TO THE REQUIREMENTS OF SUBSECTION 2202 OF THE STANDARD SPECIFICATIONS.

11. DETAILS: REGULATORY AND WARNING SIGNS SHALL CONFORM TO THE DETAILS IN 'STANDARD HIGHWAY SIGNS', FHWA, 1979.

12. DETAILS - SNS: THE REFLECTIVE SHEETING FOR THE 6 3/4" STANDARD SIZE SNS IS TO BE THE HIGHWAY GREEN BACKGOUND WITH SILVER-WHITE #2 COPY WITH 4" UPPER CASE AND 3" LOWER CASE PRIMARY COPY AND SUFFIX COPY. BOTH SERIES 'C'. WHERE SUFFIX LETTERS ARE USED ON NUMBERED STREETS AS RD, TH, ETC., THEY SHALL BE 1 1/2" LOWER CASE SERIES 'C' LETTERS. FACES TO TRIM TO A 6 1/4". (SEE DETAIL A.)

    THE REFLECTIVE SHEETING FOR THE 9" METRO SIZE SNS IS TO BE THE HIGHWAY GREEN BACKGROUND WITH SILVER-WHITE #2 COPY WITH 5" UPPER CASE AND 3 3/4" LOWER CASE PRIMARY COPY AND SUFFIX COPY, BOTH SERIES 'C'. WHERE SUFFIX LETTERS ARE USED ON NUMBERED STREETS, SUCH AS RD, TH, ETC., THEY SHALL BE 3" LOWER CASE SERIES 'C'. THE CARDINAL DIRECTION CENTERED DIRECTLY BELOW THE BLOCK NUMBER SHALL BE AN UPPER CASE, 3" SERIES 'C' LETTER. FACES TO TRIM TO A 8 1/2" WIDTH. (SEE DETAIL B.)

    FOR CUL-DE-SAC STREETS, A 9" METRO SIZE BLADE SHALL BE USED WITH THE HOUSE NUMBERS DISPLAYED BENEATH THE STREET NAME. LETTERING TO BE THE SAME AS FOR THE 6 3/4" SIZE BLADE, EXCEPT THAT THE HOUSE NUMBER INFORMATION SHALL BE 3" SERIES 'C'.

    SHOP DRAWINGS OF LAYOUT FOR SNS SHALL BE SUBMITTED TO THE TRAFFIC ENGINEERING DIVISION OF THE CITY OF WICHITA FOR APPROVAL PRIOR TO FABRICATION. THE FINISHED SIGNS AS SUPPLIED SHALL BE OF GOOD APPEARANCE, FREE FROM RAGGED EDGES, CRACKS, SCALES OR BLISTERS AND SHALL BE CLEAN-CUT. SIGNS SHALL BE PACKED IN SUCH MANNER AS TO PREVENT DAMAGE OR DEFACEMENT DURING SHIPMENT OR STORAGE.

13. PERMANENT TRAFFIC CONTROL AND SNS: PERMANENT TRAFFIC CONTROL AND SNS SHALL BE MEASURED AND PAID FOR AT THE LUMP SUM PRICE FOR SIGNING. THE PAYMENT AS SET FORTH ABOVE SHALL BE CONSIDERED FULL COMPENSATION FOR ALL EXCAVATION, BACKFILLING, POSTS, ANCHORS, FASTENERS, MATERIALS, LABOR, TOOLS AND INCIDENTALS NECESSARY TO COMPLETE THIS WORK.

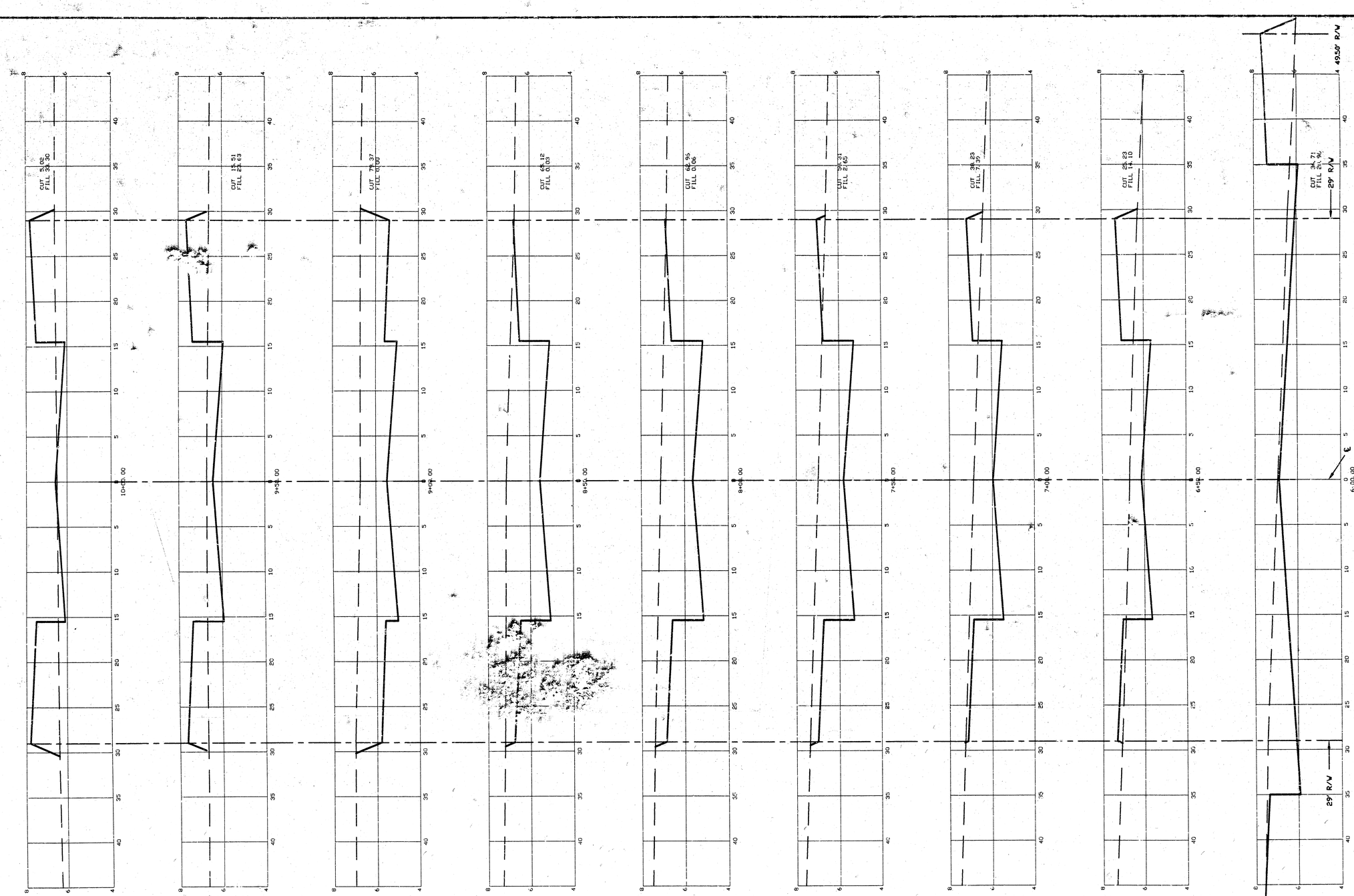
PROJECT NO 472-82860

SIGNING DETAILS

SCALE: NONE	APPROVED BY	DATE: JUNE '93
DRAWN BY:		REVISED: FEB. '95

CITY OF WICHITA
DEPARTMENT OF PUBLIC WORKS
TRAFFIC ENGINEERING SECTION — SHT 9 OF 11

D:\SIGDTLS Mon May 5 16:03:11 1997



Shiloh

Cross Sections
Shiloh
Smithmoor Seventh Addition

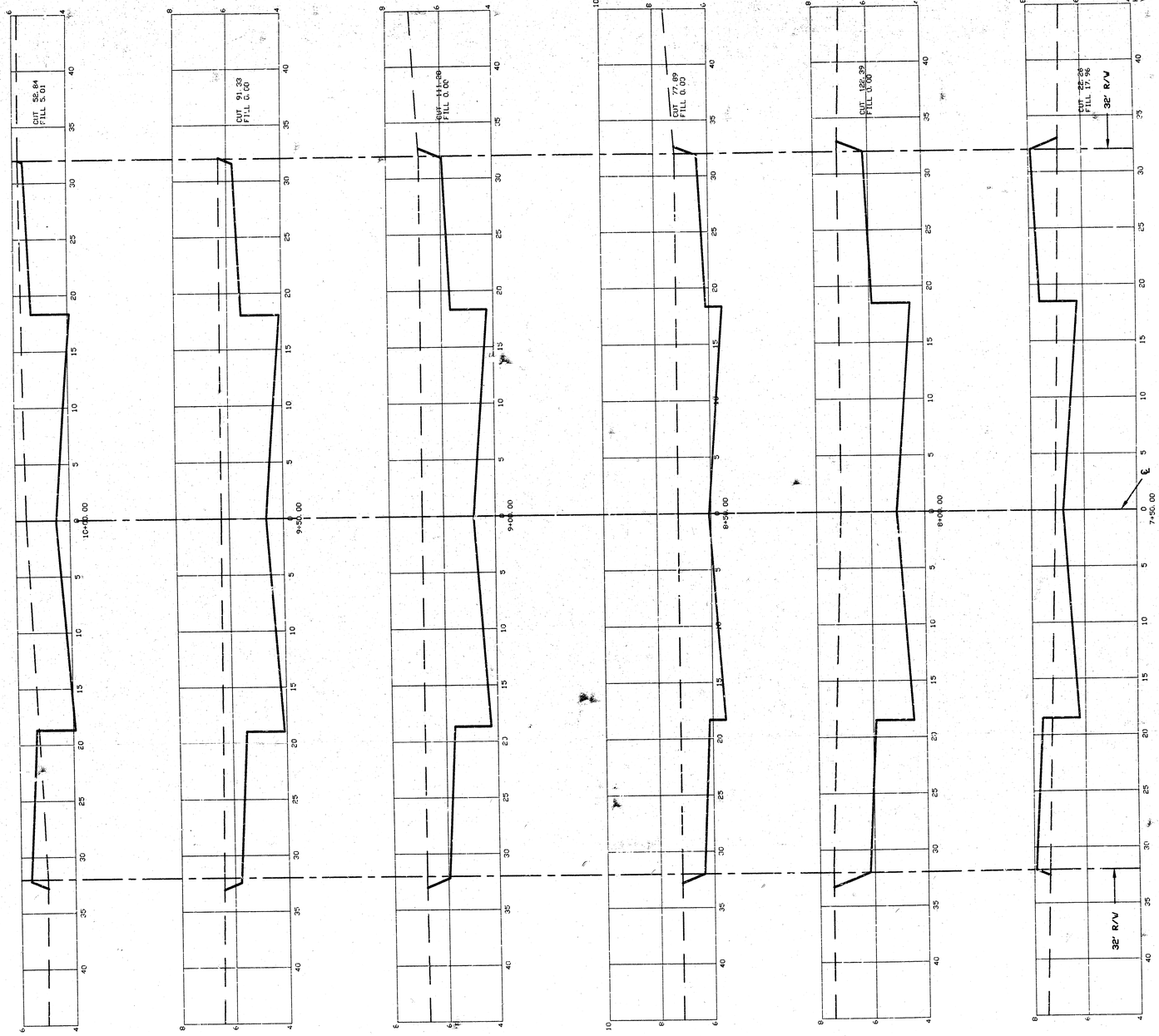
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DATE:		CHECKED:
PROJECT NO: 472-82060		SHEET NO.: 10 OF 11

MUNICIPAL ENGINEERS
254-LAURA, SUITE 201
WICHITA, KANSAS 67211
316-268-3842

E:\SCP\ACWORK\SMITH\drawing\XS.dwg Thu May 28 08:01:21 1998

Horizontal Scale 5
Vertical Scale 2

Mt. Vernon



Cross Sections
Mt. Vernon
Smithmoor Seventh Addition

SCALE:	APPROVED:	DRAWN BY:
DATE:		CHECKED:
PROJECT NO: 472-82860		SHEET NO.: 11 OF 11

MUNICIPAL ENGINEERS
254-LAURA, SUITE 201
WICHITA, KANSAS 67211
316-262-2642

98-05-01-03