

CITY OF WICHITA, KANSAS  
MICHAEL E. LINDEBAK, P.E., CITY ENGINEER  
STREET IMPROVEMENTS

RECONSTRUCTION OF THE MEDIAN IN BROADWAY FROM A POINT  
200 FEET MORE OR LESS NORTH OF THE SOUTH LINE OF LOT 1, TO  
A POINT 420 FEET MORE OR LESS NORTH OF THE SOUTH LINE LOT 1.

IN

DILLON 11TH ADDITION

CITY OF WICHITA PROJECT NO. 472-76-245-8 2540-000-000-001  
INDEX NO. 763037

ITEMS OF WORK

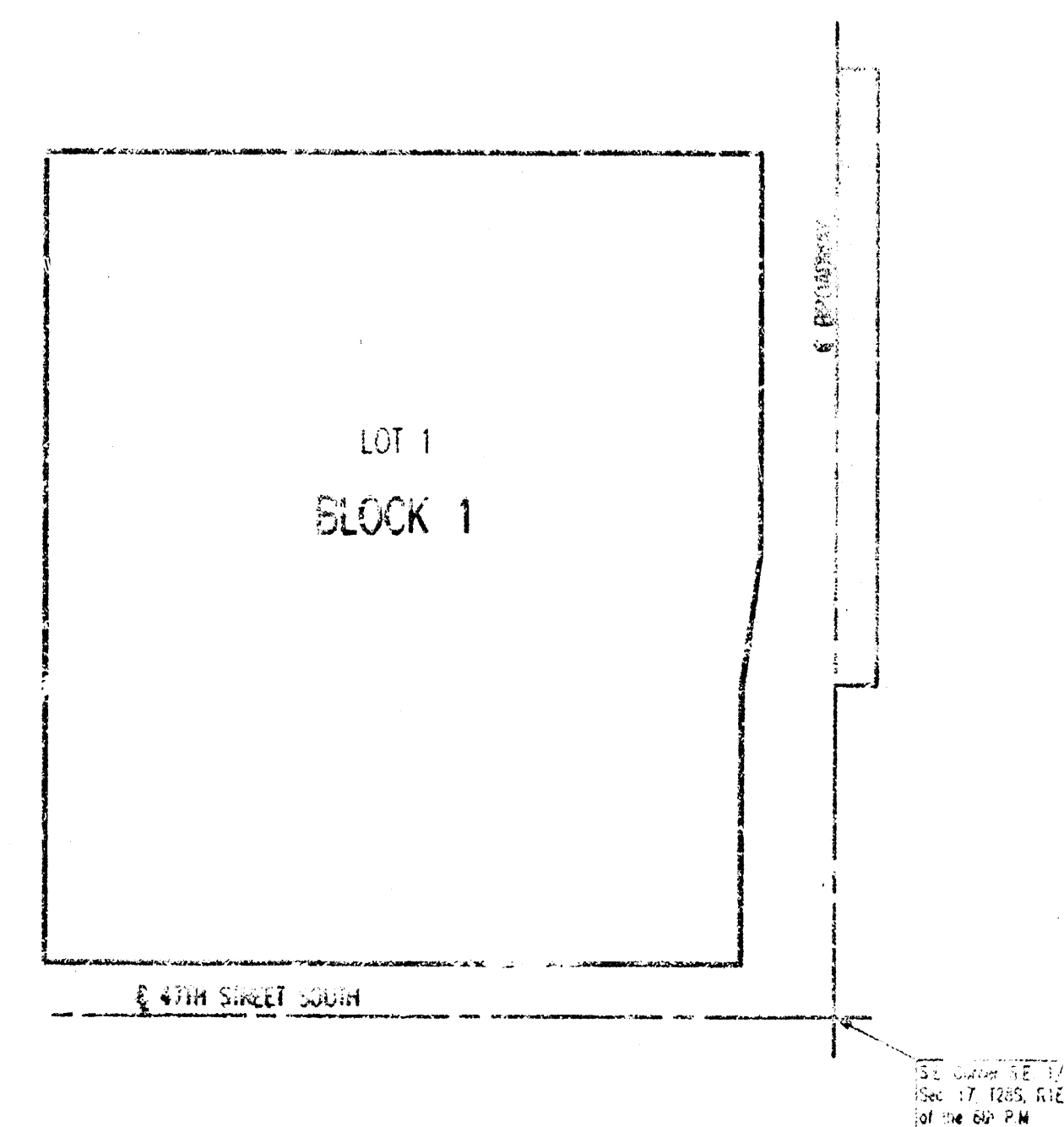
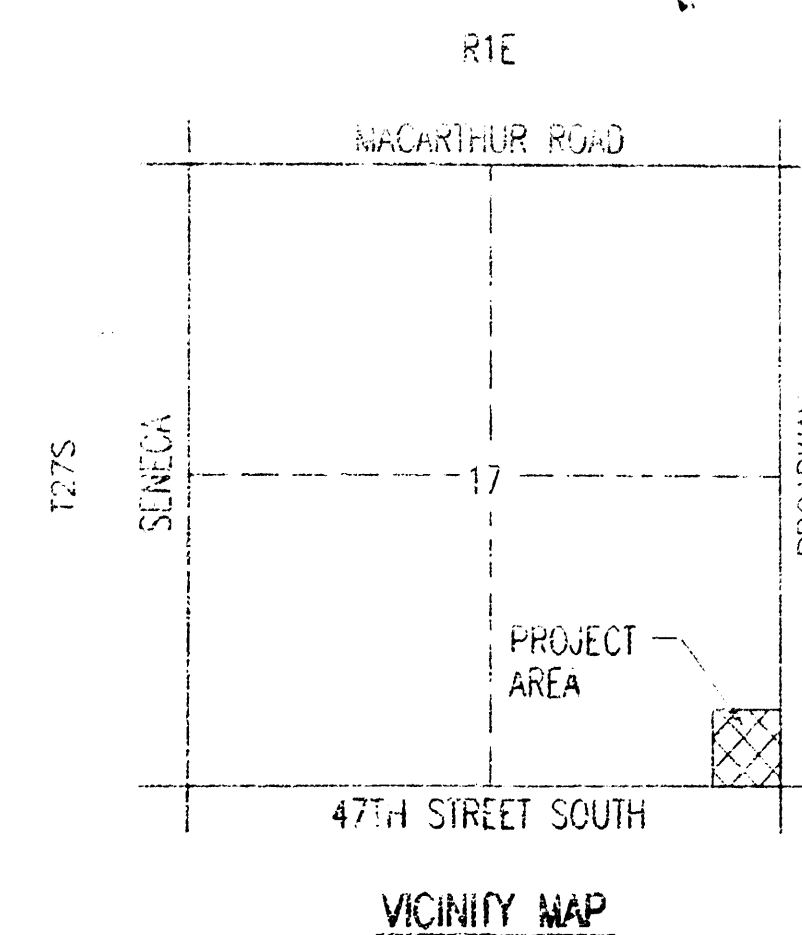
1. GUT STREET
2. ROAD AND DRIVEWAYS
3. ROAD LINES
4. ROAD PAVEMENT
5. PAVEMENT MARKING AND SIGNING PLAN
6. PAVEMENT MARKING AND SIGNING DETAILS

PROJECT SURVEY CONTROL

- BM - C.O.M. 150 AT 1/2 CORNER DILLON 11TH ADDITION AT  
S.W. CORNER BROADWAY AND 47TH STREET SOUTH  
ELEV. 487.14
- BM - RAILROAD SPUR IN EAST FACE POWER POLE 4TH POLE  
NORTH OF 47TH STREET SOUTH AND 600 WEST OF  
BROADWAY.
- CPV-488.06

EARTHWORK

PROJECT LENGTH = 411.91 LIN. FT.



GENERAL NOTES

UNDERGROUND UTILITY SERVICE LINES AND CHANGES TO THEM ARE TO BE INDICATED AS NECESSARY BY STREET PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION OF ALL EXISTING UTILITIES AND FOR THE PROTECTION OF THE SAME. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION OF ALL EXISTING UTILITIES AND FOR THE PROTECTION OF THE SAME. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION OF ALL EXISTING UTILITIES AND FOR THE PROTECTION OF THE SAME.

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

PUBLIC FROM THE REMOVAL OF MISCELLANEOUS STRUCTURES SHALL BE REMOVED BY THE CONTRACTOR AND APPROVED AS NOTED BELOW.

ALL DISPOSAL SITES MUST BE APPROVED BY THE KANSAS DEPARTMENT OF HIGHWAY AND TRANSPORTATION. MATERIAL EITHER STOCKPILED OR DISPOSED OF IN A FLOOD PLAIN SHALL REQUIRE A KANSAS STATE BOARD OF AGRICULTURE PERMIT. ANY MATERIAL DUMPED IN WATERS OF THE UNITED STATES OR HEREIN IS SUBJECT TO U.S. COASTS OF ENGINEERS PERMITTING REGULATIONS. ANY MATERIAL DUMPED OR STOCKPILED WITHOUT APPROVED CONSTRUCTION LIMITS SHALL REQUIRE ADDITIONAL ARCHITECTURAL INVESTIGATIONS UNLESS BURED IN A PREVIOUSLY APPROVED BORDON LOCATION.

CONTRACTOR SHALL SAFETY HIMSELF OF SURFACE AND SUBSURFACE CONDITIONS PRIOR TO BUILDING.

TEMPORARY SURFACING MATERIAL (SPACK, ASPHALT, ETC.) MAY BE USED TO REPAIR STREET RIGHTS-OF-WAY FOR LOCAL TRAFFIC AND TEMPORARY ACCESS. CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS TO DETERMINE EXTENT, IF ANY, OF SUCH SURFACING. CONTRACTOR SHALL REPAIR AND TEMPORARY SURFACING IN THE SAME MANNER AS NOTED ABOVE FOR AVAILABILITY. THIS REMOVAL SHALL BE SUBJECT TO APPROVAL.

CONTRACTOR SHALL PROVIDE A MINIMUM FOUR-FEET 48-HOUR ADVANCE NOTICE (EXCEPTING WEEKENDS AND HOLIDAYS) PRIOR TO BEGINNING ANY CONSTRUCTION, TO PROVIDE ONE (ONE) WORKER A MINIMUM ADVANCE NOTICE AT (30) DAYS PRIOR TO REQUEST THE FOLLOWING UTILITY LOCATIONS TO UNRAIL ALL EXISTING LINES WITHIN THE PROJECT AREA: KANSAS GAS, KANSAS ELECTRIC, KANSAS TELEPHONE, MULTIMEDIA CABLEVISION, CITY OF WICHITA WATER MAINS, AND CITY OF WICHITA WATER DEPARTMENT.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR PRESERVING PROPERTY LINES. THE CONTRACTOR WILL BE REQUIRED TO RE-ESTABLISH ANY PROPERTY LINES WHICH ARE DAMAGED OR DESTROYED BY HIS CONSTRUCTION OPERATIONS. SUCH LINES SHALL BE RE-ESTABLISHED BY A LICENSED LAND SURVEYOR IN ACCORDANCE WITH STATE LAWS.

THE WATER DEPARTMENT SHALL FIELD LOCATE WATER VALVES AND THE DURING CONSTRUCTION WHEN REQUESTED BY THE CONTRACTOR. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PRESERVE SUCH FIELD LOCATIONS DURING THE CONSTRUCTION PROCESS. WATER VALVES, WATER VALVE BOXES OR FIVE MINUTES SHALL BE DURING CONSTRUCTION SHALL BE REQUESTED BY THE CONTRACTOR AT HIS OWN EXPENSE.

THE CONTRACTOR SHALL PROTECT WATER VALVE BOXES AS DIRECTED BY THE ENGINEER. THIS WORK TO BE SUBSIDIARY TO OTHER WORK.

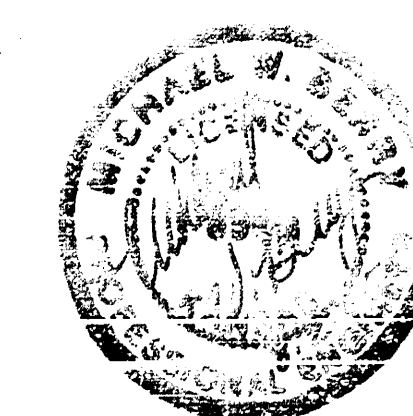
THIS PROJECT DOES NOT INCLUDE ANY PROVISIONS FOR CONSTRUCTION OF DRIVEWAYS.

A MINIMUM OF ONE LANE THRU TRAFFIC SHALL BE MAINTAINED ON BROADWAY (SOUTHBOUND AND NORTHBOUND) AT ALL TIMES (INCLUDING CONSTRUCTION FOR DILLON 11TH ADDITION C.O.M. PROJ. NO. 472-76-245-8 2540-000-000-001). DRIVEWAY SHALL BE RESTRICTED TO TWO LANE TRAFFIC (SOUTHBOUND AND NORTHBOUND) FROM DUSK TO DAWN. CONTRACTOR SHALL PROVIDE, ERECT AND MAINTAIN TRAFFIC CONTROL AND ADVANCE WARNING DEVICES AS REQUIRED BY THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).

THIS PROJECT INCLUDES ALTERNATE PAVEMENT TYPES. THE CONTRACTOR SHALL BID ALL ALTERNATE 1 AND ALTERNATE 2 BID ITEMS AND THE CITY ENGINEER SHALL THEN SPECIFY WHICH PAVEMENT TYPE IS TO BE USED FOR THIS PROJECT. THE ALTERNATE SELECTED BY THE CITY ENGINEER SHALL BE USED FOR THE ENTIRE PROJECT.

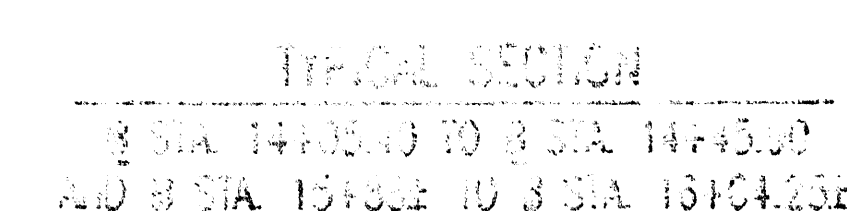
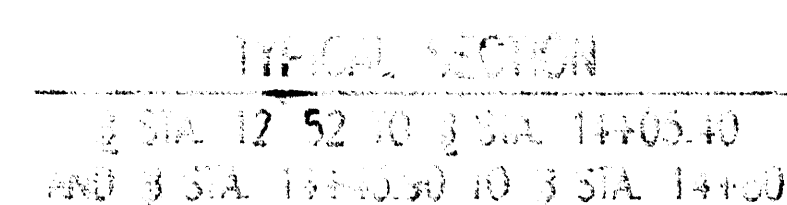
AUGUST, 1995

PLANS PREPARED BY  
PROFESSIONAL ENGINEERING CONSULTANTS, P.A.  
ENGINEERS  
WICHITA, KANSAS





\* FLOOR JOIST REINFORCEMENT SHALL BE 3" X 12" OF TENSILE COMPRESSION OR APPROVED EQUIV. FLOOR JOIST REINFORCEMENT SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS.



|   |   |
|---|---|
| 2 | 0 |
| 3 | 0 |
| 4 | 0 |
| 5 | 4 |
| 6 | 3 |

THE ABOVE INFORMATION WAS OBTAINED FROM THE  
FEDERAL BUREAU OF INVESTIGATION, U.S. DEPT. OF  
JUSTICE, ON 11/11/68, BY SA [REDACTED] AND  
SA [REDACTED], MEMPHIS, TENN.

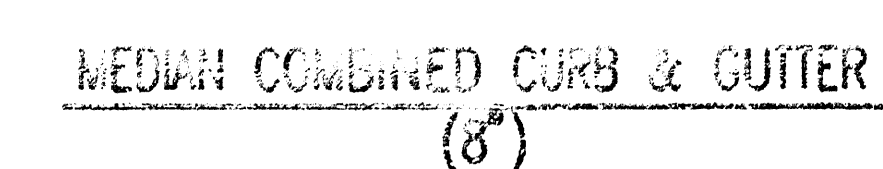
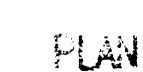
[illegible]

SHOWINGS AND SUPPLIED. COMPLETE SHOWS SHOULD BE PLACED WITH A LARGON MACHINE HAVING AUTOMATIC CONTROLS FOR LINE AND GRADE.

with 10 percent of the total work force employed in the industry  
or of products to the ends of improved work conditions and the  
employment of the workers in the industry as a whole. The  
of the industry should be the basis of the comparison of the  
conditions of the workers in the industry and the conditions of the  
to the other workers in the industry.

ALTERNATE NO. 1 BASE MATERIAL IS REINFORCED CRUSHED ROCK AS SHOWN  
ALTERNATE NO. 2 IS REINFORCED RECYCLED ASPHALT PAVEMENT (RAP). ALL DETAILS,  
SHOWN HEREIN, AS TO CONFIGURATION, GRADATION AND PLACEMENT FOR REINFORCED  
CRUSHED ROCK SHALL ALSO APPLY TO REINFORCED RECYCLED ASPHALT PAVEMENT (RAP).

ALL EARTHWORK TO BE SUBSIDIARY TO THE VARIOUS PAVING BID ITEMS



NOTE: MEDIAN NOSE SHALL BE PAID FOR AS 8" CONCRETE PAVEMENT (UNREINFORCED). SPECIAL SHAPING AND ADDITIONAL CONCRETE REQUIRED TO TRANSITION FROM SECTION A-A TO SECTION B-B SHALL BE CONSIDERED INCIDENTAL TO "8" CONCRETE PAVEMENT (UNREINFORCED)". ENTIRE NOSE SHALL BE MONOLITHIC.

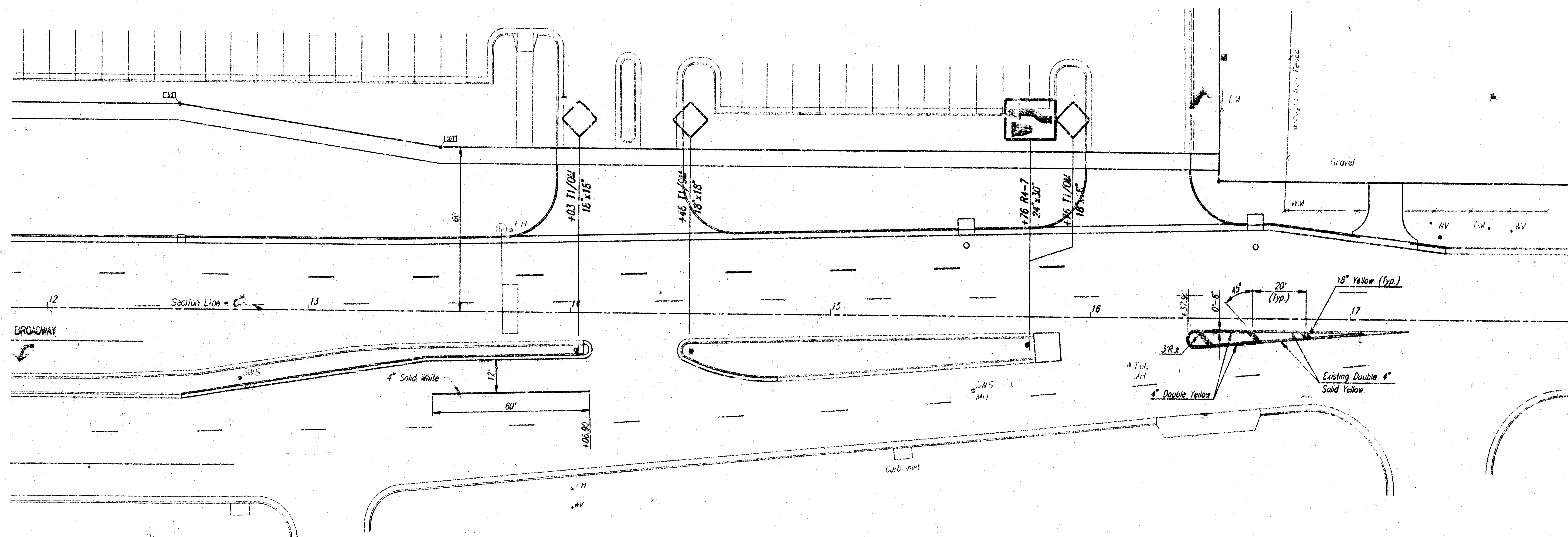
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date plotted: 4/28/95  
deliver to: dwlme dnm:

|                                                                                      |         |            |           |
|--------------------------------------------------------------------------------------|---------|------------|-----------|
| ENGINEERING MEDICAL PLEADINGS                                                        |         |            |           |
| PAVING DETAILS                                                                       |         |            |           |
| <b>PROFESSIONAL ENGINEERING CONSULTANTS, P.A.</b><br>INCORPORATED<br>WICHITA, KANSAS |         |            |           |
| Designed by                                                                          | PEP GDD | Checked by |           |
| Drawn by                                                                             | WEP     | Date       | JUNE 1966 |
|                                                                                      |         | Job No.    | 95133     |



| PROJECT NO.                   | SHEET NO. | TOTAL SHEETS |
|-------------------------------|-----------|--------------|
| 472-76-245-825-90-030-000-001 | 5         | 6            |

SCALE: 1" = 20'

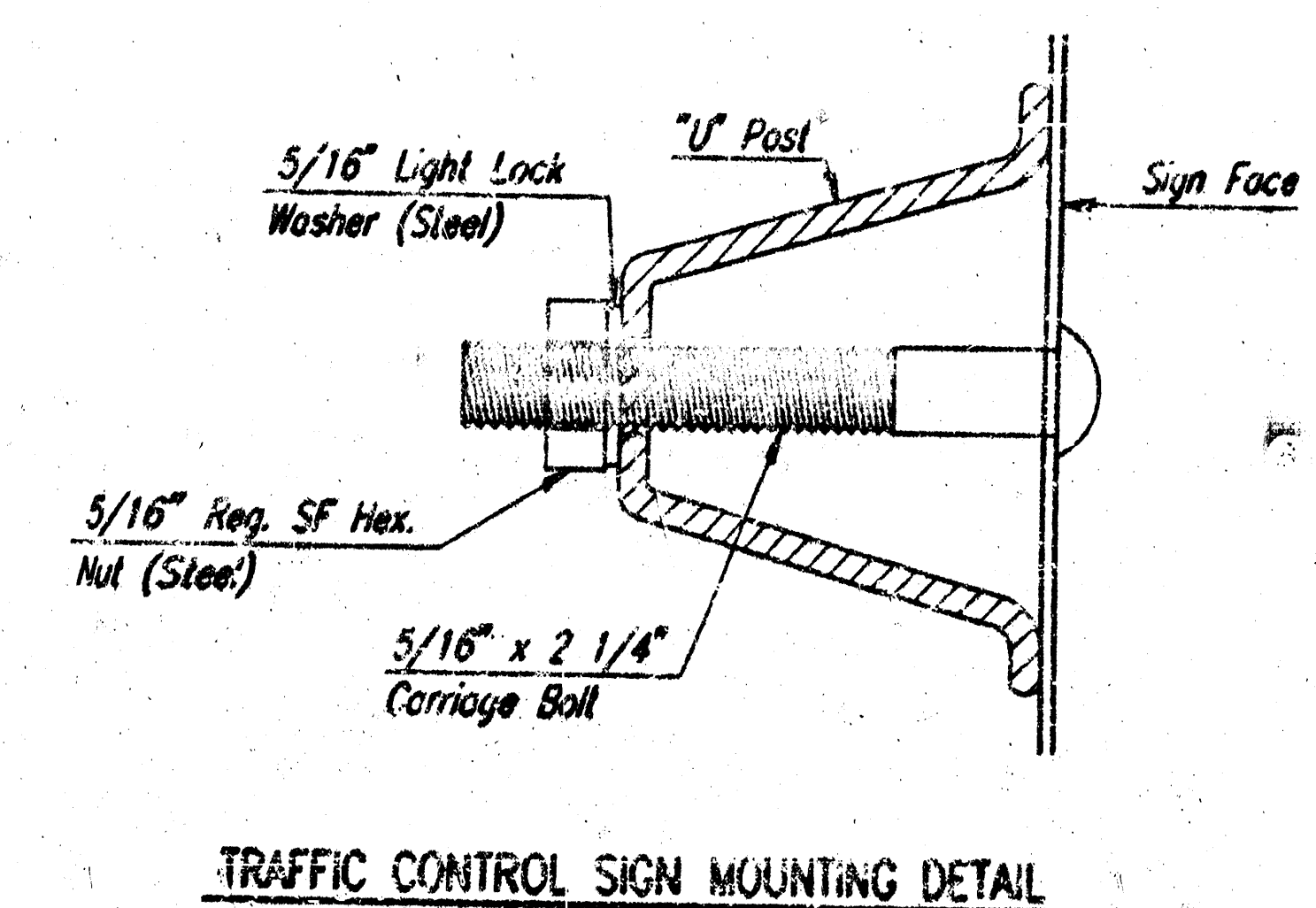
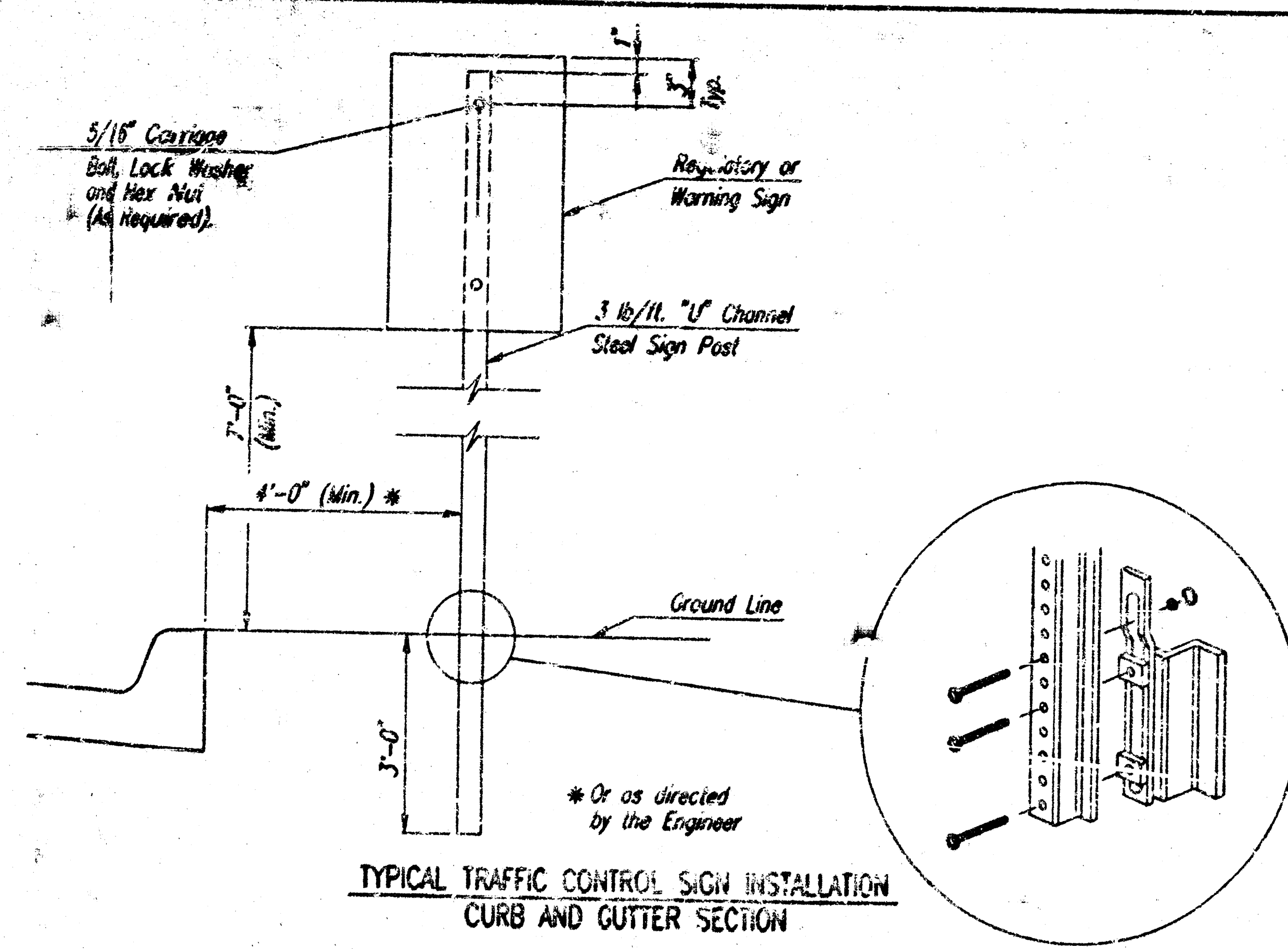


# MARKING AND SIGNING NOTES

1. ALL MARKING DIMENSIONS ARE TO CENTER OF STRIPE UNLESS NOTED OTHERWISE.
2. ALL MARKINGS AND SIGNS SHALL CONFORM TO THE LATEST EDITION OF THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD)" WITH REGARD TO COLOR, SIZE AND SHAPE, PLACEMENT AND INSTALLATION.
3. ALL MARKINGS AND SIGNS SHALL BE FULLY REFLECTORIZED.
4. SEE SHEET NO. 6 FOR MARKING AND SIGNING DETAILS.

USF/WHI/dep/1995/95333/medmark.dgn  
 Date Plotted: 6/28/95  
 User: 16040101

|                                            |          |            |          |
|--------------------------------------------|----------|------------|----------|
| BROADWAY MEDIAN REVISIONS                  |          |            |          |
| PAVEMENT MARKING AND SIGNING PLAN          |          |            |          |
| PROFESSIONAL ENGINEERING CONSULTANTS, P.A. |          |            |          |
| ENGINEERS<br>WICHITA, KANSAS               |          |            |          |
| Designed by                                | BER, GDD | Checked by |          |
| Drawn by                                   | DEP      | Date       | JUN 1995 |
|                                            |          | Job No.    | 95333    |



GENERAL NOTES - SIGNING

- NOTE: REFERENCES BELOW TO "STANDARD SPECIFICATIONS" DENOTE "STANDARD SPECIFICATION FOR STATE ROAD AND BRIDGE CONSTRUCTION, EDITION 1997" BY THE KANSAS DEPARTMENT OF TRANSPORTATION.
1. POST ANCHORS: POSTS SHALL BE ANCHORED WITH A TYPING BASE POST SUPPORT AS DETAILED.
  2. POSTS FOR TRAFFIC CONTROL SIGNS: POSTS SHALL CONFORM TO THE REQUIREMENTS OF SUBSECTION 1100 OF THE STANDARD SPECIFICATIONS EXCEPT THAT ALL POSTS SHALL WEIGH 3 LBS./FOOT MINIMUM.
  3. SIGN BLANKS FOR TRAFFIC CONTROL SIGNS: SIGN BLANKS SHALL BE FABRICATED FROM 0.087 ALUMINUM ALLOY SHEET-PIS CONFORMING TO THE REQUIREMENTS OF SUBSECTION 1626 OF THE STANDARD SPECIFICATIONS.
  4. FASTENERS: ALL STEEL FASTENERS FOR TRAFFIC CONTROL SIGNS SHALL BE GALVANIZED AND SHALL CONFORM TO THE REQUIREMENTS OF SUBSECTION 1514 OF THE STANDARD SPECIFICATIONS.
  5. REFLECTIVE SHEETING: REFLECTIVE SHEETING SHALL BE TYPE A - HIGH PERFORMANCE CLASS IIA IN ACCORDANCE WITH SUBSECTION 2201 OF THE STANDARD SPECIFICATIONS.
  6. PROJECTS INV: ALL PROJECTS INV SHALL CONFORM TO THE REQUIREMENTS OF SUBSECTION 2202 OF THE STANDARD SPECIFICATIONS.
  7. DETAILS: REGULATORY AND WARNING SIGNS SHALL CONFORM TO THE DETAILS IN "STANDARD HIGHWAY SIGNS", FINAL, 1979.
  8. TRAFFIC CONTROL SIGNS: TRAFFIC CONTROL SIGNS SHALL BE PAID FOR UNDER LUMP SUM BID FOR "PAVEMENT MARKING AND SIGNING". THE PAYMENT AS SET FORTH ABOVE SHALL BE CONSIDERED FULL COMPENSATION FOR EXAMINATION, BACKFILLING, POSTS, ANCHORS, FASTENERS, MATERIALS, LABOR, TOOLS AND INCIDENTALS NECESSARY TO COMPLETE THIS WORK.

|                                              |                                                     |                       |                    |
|----------------------------------------------|-----------------------------------------------------|-----------------------|--------------------|
| R6-1R<br>(36"x12")                           | R6-1L<br>(36"x12")                                  | R3-7R<br>(30"x30")    | OM-3R<br>(12"x36") |
| W1-1L<br>(30"x30")                           | W1-1R<br>(30"x30")                                  | R1-1<br>(30"x30")     | W4-2<br>(36"x36")  |
| R4-7<br>(24"x30")                            | W14-2<br>(30"x30")                                  | R1-2<br>(36"x36"x36") | R3-9b<br>(24"x36") |
| END OF ROAD MARKER<br>ECR (18"x18")<br>(RED) | TYPE 1 OBJECT MARKER<br>T1/OM (18"x18")<br>(YELLOW) | W3-3<br>(36"x36")     |                    |

| SIGN ASSEMBLY TABLE |         |          |              |            |
|---------------------|---------|----------|--------------|------------|
| STREET              | STATION | OFFSET   | SIGN         | QUANTITY # |
| BROADWAY            | 14+03   | 13' RT   | T1/OM        | 1          |
| BROADWAY            | 14+46   | 13.5' RT | T1/OM        | 1          |
| BROADWAY            | 15+76   | 10' RT   | W4-2 & T1/OM | 1          |
| TOTAL               |         |          |              | 3          |

| BILL OF MATERIALS #                        |          |
|--------------------------------------------|----------|
| PROJ. NO. 472-76-245-82539-000-000-001     |          |
| COLD PLASTIC PAVEMENT MARKING (4" WHITE)   | 60 L.F.  |
| COLD PLASTIC PAVEMENT MARKING (4" YELLOW)  | 113 L.F. |
| COLD PLASTIC PAVEMENT MARKING (18" YELLOW) | 14 L.F.  |

\* FOR INFORMATION ONLY. TO BE PAID FOR UNDER THE BID ITEM "PAVEMENT MARKING AND SIGNING - LUMP SUM".

| PROJECT NO.                  | SHEET NO. | TOTAL SHEETS |
|------------------------------|-----------|--------------|
| 472-76-245-82540-000-000-001 | 6         | 6            |

BROADWAY MEDIAN REVISIONS

PAVEMENT MARKING AND SIGNING DETAILS

PROFESSIONAL ENGINEERING CONSULTANTS, P.A.  
Engineers  
WICHITA, KANSAS

Designed by: BER, GDD  
Checked by:  
Drawn by: DEP  
Date: JUNE, 1995  
Job No. 95333

452/usa/fig. 1995/95333/mod/fig. 1995  
date posted: 6/78/95  
drawn to: design dwt