

\* DENOTES MEMBERSHIP IN DIGGERS HOTLINE



CALL DIGGERS HOTLINE  
TO OBTAIN LOCATION  
OF PARTICIPANTS BURIED  
FACILITIES BEFORE YOU DIG

METRO

OUTSIDE METRO AREA

414-344-5111

800-242-8511  
800-338-3860 (FAX)

800-542-2289 (TDD)  
(FOR HEARING IMPAIRED)

WISCONSIN STATUTE  
182.0175 REQUIRES  
MINIMUM OF 3 WORK  
DAYS NOTICE BEFORE  
YOU EXCAVATE

#### UTILITIES

TELEPHONE \* VERIZON NORTH INC.  
301 WEST DIVISION ST.  
DODGEVILLE, WI 53533  
ATTN: PAT WAYLAND  
TEL: 608-837-1405

CABLE CHARTER COMMUNICATIONS  
315 KING STREET  
POST OFFICE BOX 124  
DODGEVILLE, WI 53533  
ATTN: KEVIN MAYNE  
TEL: 608-935-1886

ELECTRIC ALLIANT ENERGY CORP.  
1000 MAIN STREET  
POST OFFICE BOX 769  
DUBUQUE, IA 52004-0769  
ATTN: GARY QUADE  
TEL: 319-584-7395

#### DNR CONTACT

Mr. Ron Grasshoff  
South Central District Headquarters  
3911 Fish Hatchery Road  
Madison, WI 53711  
(608) 275-3481

#### GENERAL NOTES

DISTURBED AREAS WITHIN THE RIGHT OF WAY, EXCEPT THE AREAS WITHIN THE FINISHED  
SHOULDER POINTS, SHALL BE TOPSOILED, FERTILIZED, SEEDED AND MULCHED AS DIRECTED BY THE  
ENGINEER.

PRIOR TO PLACEMENT OF STEEL PLATE BEAM GUARD, THE SHOULDERS SHALL BE IN PLACE,  
SHAPED AND COMPACTED.

EXISTING PRIVATE AND FIELD ENTRANCES SHALL BE RESTORED IN KIND AS DIRECTED BY THE ENGINEER.

ITEM OF CRUSHED AGGREGATE BASE COURSE IS INTENDED FOR USE AT THE BEAM GUARD ANCHORS TO  
BETTER MATCH NEW PAVEMENT.

SEED MIXTURE NO. 30 SHALL BE USED.

THE EXACT LOCATION FOR THE INSTALLATION OF THE STEEL PLATE BEAM GUARD SHALL BE DETERMINED  
BY THE PROJECT ENGINEER IN THE FIELD.

THE EXACT LOCATION FOR THE PERMANENT SIGNING WILL BE DETERMINED BY THE WI D.O.T. TRAFFIC DIVISION.  
THE CONTRACTOR WILL BE REQUIRED TO NOTIFY THE WI D.O.T. TRAFFIC DIVISION TEN (10) WORKING DAYS PRIOR  
TO THE INSTALLATION OF THE PERMANENT SIGNING.

#### TRAFFIC CONTROL

PRIOR TO THE INSTALLATION OF TRAFFIC CONTROL DEVICES THE CONTRACTOR SHALL PROVIDE ENGINEER  
AND THE STATE HIGHWAY PATROL WITH THE NAME AND TELEPHONE NUMBER OF A LOCAL PERSON  
RESPONSIBLE FOR THE EMERGENCY MAINTENANCE OF TRAFFIC CONTROL.

ALL EXISTING SIGNS SHALL REMAIN IN PLACE UNTIL CONSTRUCTION OPERATIONS REQUIRE THEIR REMOVAL  
OR UNLESS THE ENGINEER APPROVES THEIR REMOVAL. SIGNS WILL BE REMOVED AND REPLACED BY THE  
CONTRACTOR.

THE CONTRACTOR SHALL PLACE ALL TRAFFIC CONTROL SIGNS AS SHOWN ON THE TRAFFIC CONTROL PLAN  
BEFORE BEGINNING ANY WORK ON THE HIGHWAY. THESE SIGNS SHALL REMAIN IN PLACE UNTIL  
ALL WORK IS COMPLETED AND PERMANENT MARKING IS IN PLACE.

#### UTILITIES

THERE ARE UTILITY FACILITIES WITHIN THE PROJECT AREA. HOWEVER, NO CONFLICTS ARE ANTICIPATED. IT IS THE  
CONTRACTOR'S RESPONSIBILITY TO HAVE UNDERGROUND UTILITIES FIELD LOCATED TO CONFIRM THIS, IF DEEMED  
NECESSARY.

#### STANDARD DETAIL DRAWINGS

8E9-5 SILT FENCE  
14B15-3a CLASS "A" STEEL PLATE BEAMGUARD, INSTALLATION AND ELEMENTS  
14B18-3a CLASS "A" STEEL PLATE BEAMGUARD (AT BRIDGES, OBSTACLES, AND SIDEROADS/DRIVEWAYS)  
14B24-2b & 2c STEEL PLATE BEAMGUARD ENERGY ABSORBING TERMINAL  
15C12-2 TRAFFIC CONTROL FOR LANE CLOSURE (SUITABLE FOR MOVING OPERATIONS)

PROJECT NUMBER: 5770-00-75

HIGHWAY: STH 133

COUNTY: IOWA

GENERAL NOTES, UTILITIES, AND STANDARD DETAIL

SCALE, FT.

SHEET NUMBER: 2.1

E

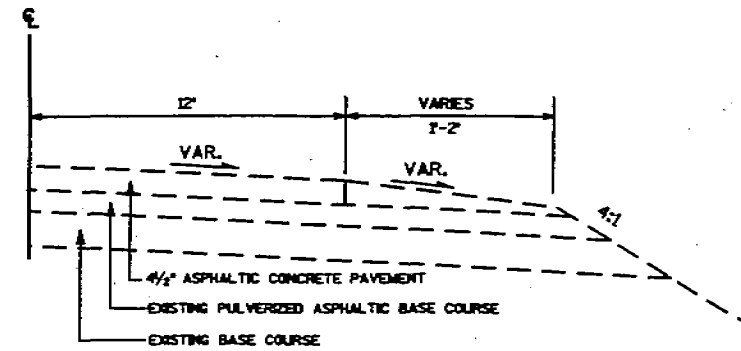
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ORIGINATOR: dot:jay

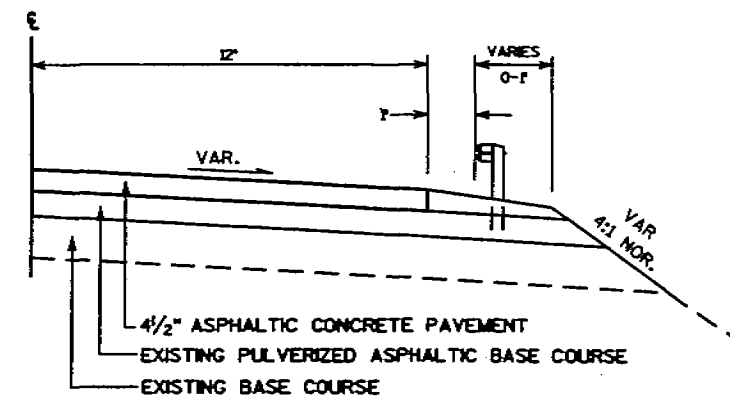
PLOT SCALE: 200.00000000.000000

PLOT DATE: 19-DEC-2000 10:05

WISDOT/CADDs SHEET 42



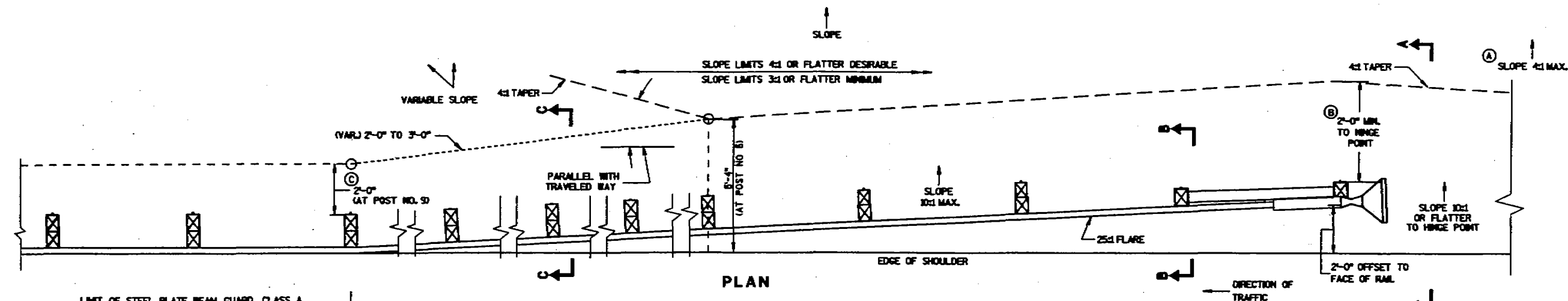
**TYPICAL EXISTING HALF-SECTION**



**TYPICAL FINISHED HALF-SECTION**

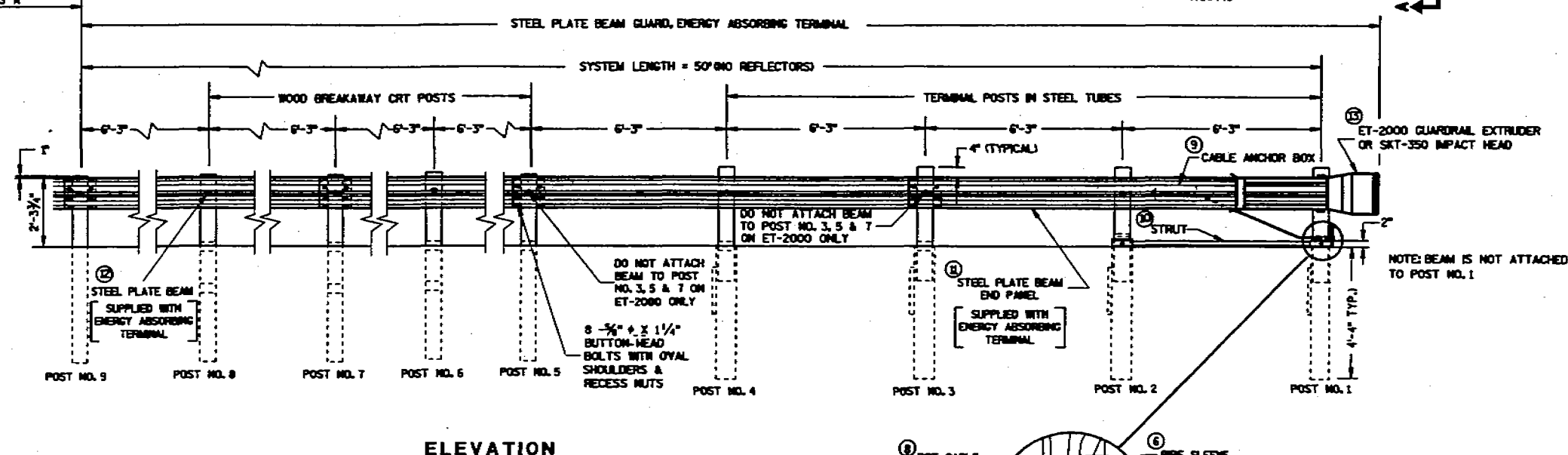
STA. 209+90 - STA. 233+80 LT.  
 STA. 239+00 - STA. 248+75 RT.  
 STA. 249+05 - STA. 274+00 RT.

10/15/00 - 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59,60,61,62,63

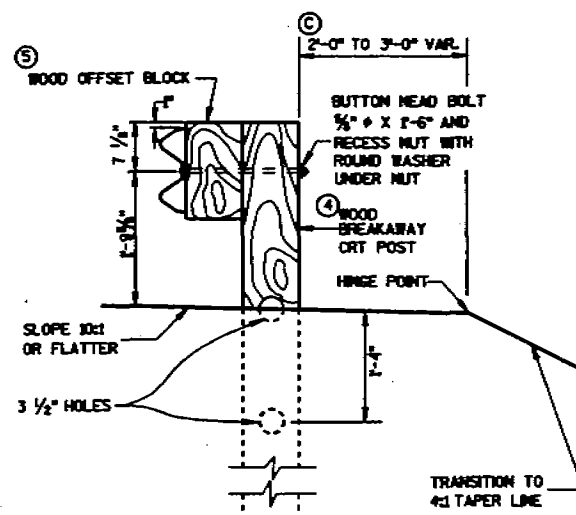


### BILL OF MATERIALS

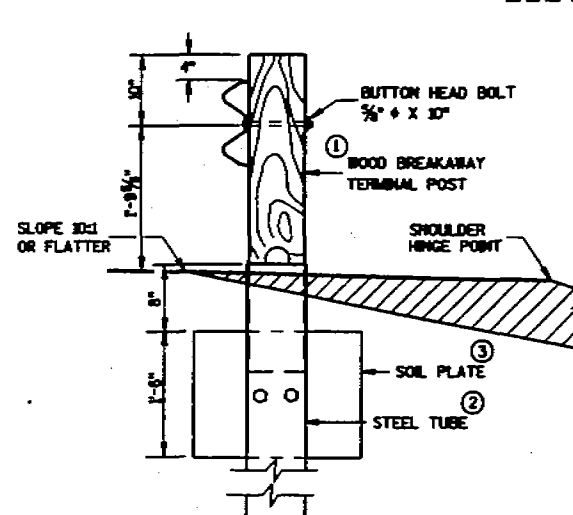
| NOTE NO. | QTY. | DESCRIPTION                                                                     |
|----------|------|---------------------------------------------------------------------------------|
| ①        | 4    | WOOD BREAKAWAY TERMINAL POST: 3/4" x 7 1/2" x 3'-3"                             |
| ②        | 4    | STEEL TUBE: TS 8" x 6" x 0.083", 4'-6" LONG                                     |
| ③        | 4    | SOIL PLATE: 2'-0" x 1'-6" x 1/4"                                                |
| ④        | 4    | WOOD BREAKAWAY CRT POST: 6" x 8" x 6'-0"                                        |
| ⑤        | 6    | WOOD OFFSET BLOCKS: 6' x 8' x 1'-2"                                             |
| ⑥        | 1    | PIPE SLEEVE: 2" x 5 1/2" STANDARD PIPE                                          |
| ⑦        | 1    | BEARING PLATE                                                                   |
| ⑧        | 1    | BCT CABLE ASSEMBLY                                                              |
| ⑨        | 1    | CABLE ANCHOR BOX                                                                |
| ⑩        | 1    | STRUT & YOKE                                                                    |
| ⑪        | 1    | STEEL PLATE BEAM, END PANEL: 12 GA. 13'-6 1/2" LONG FOR SKT-350 & ET-2000       |
| ⑫        | 3    | STEEL PLATE BEAM: 12 GA. 13'-6 1/2"                                             |
| ⑬        | 1    | ET-2000 GUARDRAIL EXTRUDER OR SKT-350 IMPACT HEAD: AS FURNISHED BY MANUFACTURER |
| ⑭        | 1    | REFLECTIVE SHEETING: 36" x 18"                                                  |



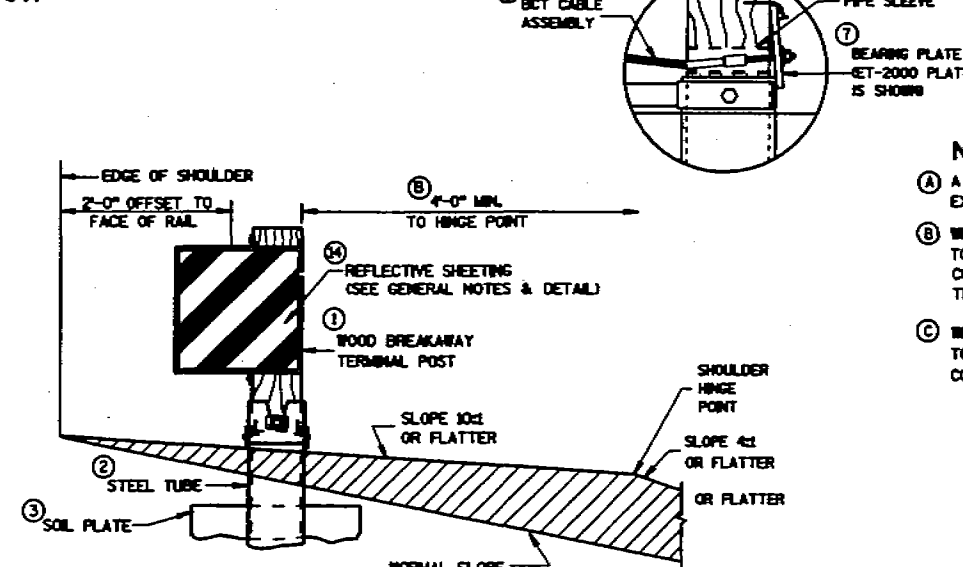
### ELEVATION



SECTION C-C  
TYPICAL AT POST NOS. 5-8 INC.



SECTION B-B  
TYPICAL AT POST NO. 2  
(ADD WOOD OFFSET BLOCK AT POST 3 & 4)



SECTION A-A  
TYPICAL AT POST NO. 1

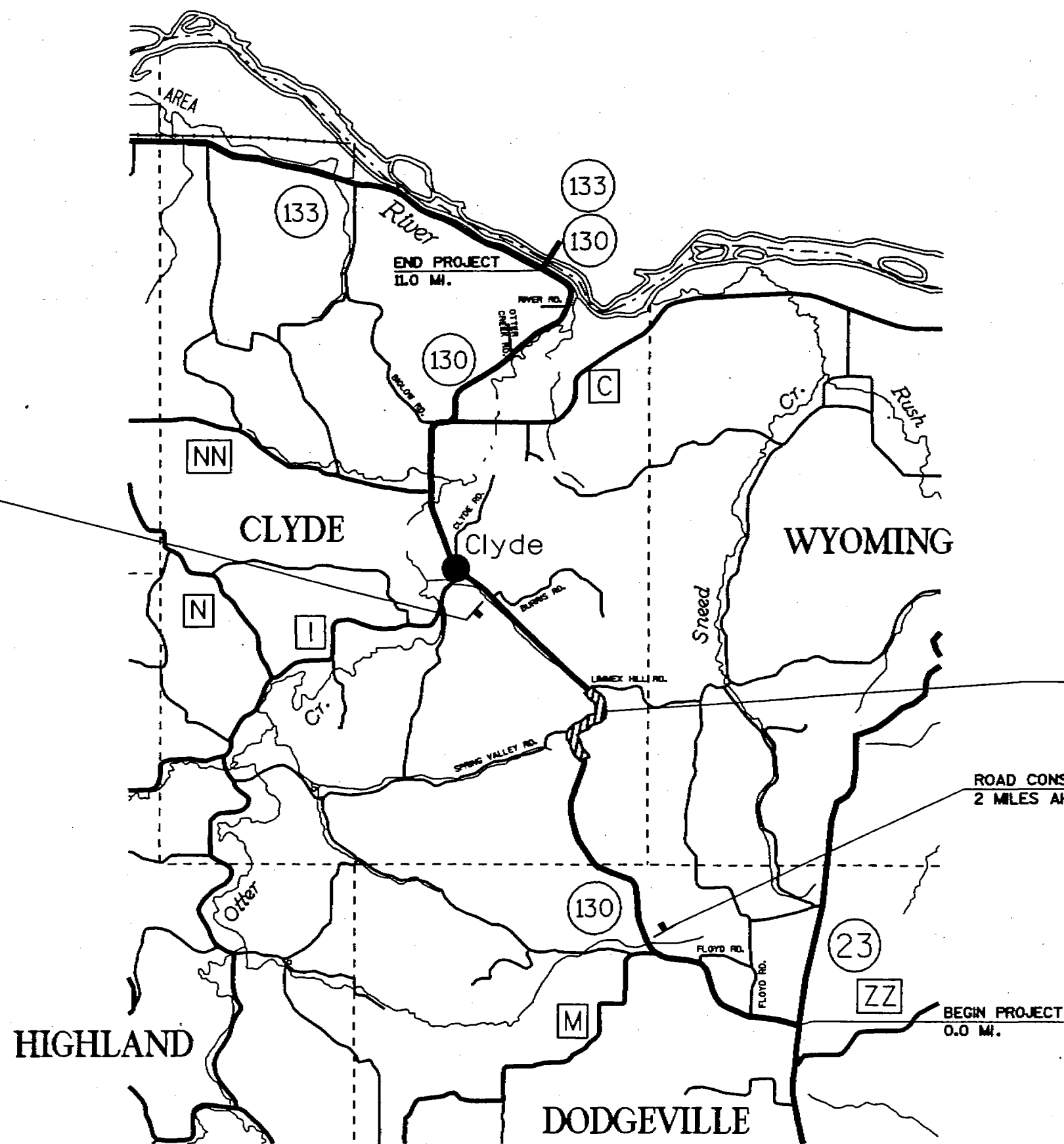
### STEEL PLATE BEAM GUARD ENERGY ABSORBING TERMINAL DETAIL

### NOTE

- (A) A 3:1 OR FLATTER SLOPE MAY BE USED FOR INSTALLATION ON EXISTING HIGHWAYS.
- (B) WHEN SPECIFIED ELSEWHERE IN THE CONTRACT THE 4-FOOT MINIMUM TO HINGE POINT, MAY BE REDUCED OR ELIMINATED WHERE EXISTING CONDITIONS WILL NOT PERMIT THE DESIRABLE EARTHWORK. SIMILARLY THE 25:1 TAPER MAY BE REDUCED TO 4:1.
- (C) WHEN SPECIFIED ELSEWHERE IN THE CONTRACT THE 2-FOOT MINIMUM TO HINGE POINT, MAY BE REDUCED OR ELIMINATED WHERE EXISTING CONDITIONS WILL NOT PERMIT THE DESIRABLE EARTHWORK.

LEVELS ON - 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63

ROAD CONSTRUCTION  
1 MILE AHEAD

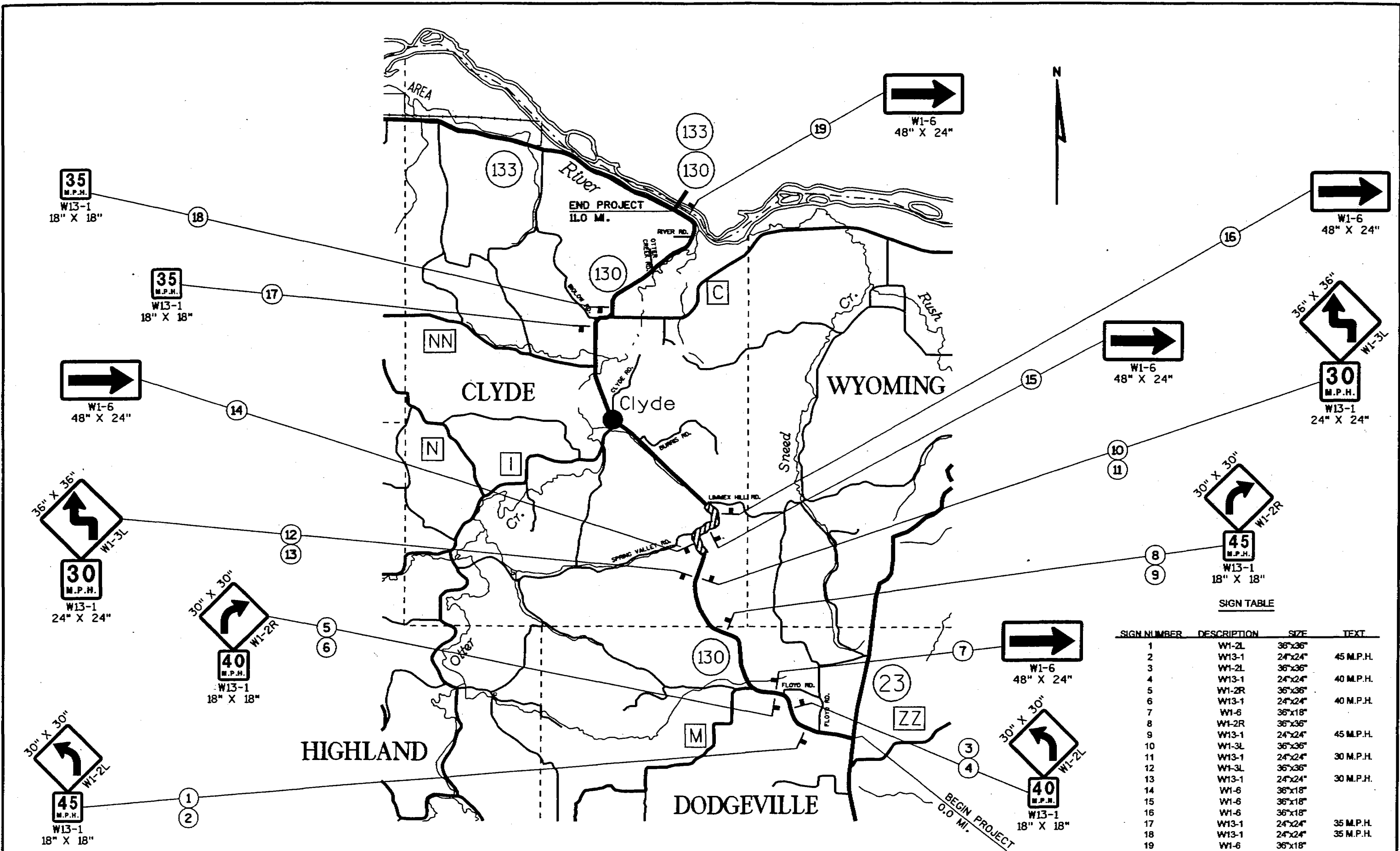


S.D.D. 15 C12-2  
TRAFFIC CONTROL FOR LANE CLOSURE  
(SUITABLE FOR MOVING OPERATIONS)

ROAD CONSTRUCTION  
2 MILES AHEAD

BEGIN PROJECT  
0.0 MI.

LEVELS ON - 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63



SIGN TABLE

| SIGN NUMBER | DESCRIPTION | SIZE      | TEXT      |
|-------------|-------------|-----------|-----------|
| 1           | W1-2L       | 36" X 36" |           |
| 2           | W13-1       | 24" X 24" | 45 M.P.H. |
| 3           | W1-2L       | 36" X 36" |           |
| 4           | W13-1       | 24" X 24" | 40 M.P.H. |
| 5           | W1-2R       | 36" X 36" |           |
| 6           | W13-1       | 24" X 24" | 40 M.P.H. |
| 7           | W1-6        | 36" X 18" |           |
| 8           | W1-2R       | 36" X 36" |           |
| 9           | W13-1       | 24" X 24" | 45 M.P.H. |
| 10          | W1-3L       | 36" X 36" |           |
| 11          | W13-1       | 24" X 24" | 30 M.P.H. |
| 12          | W1-3L       | 36" X 36" |           |
| 13          | W13-1       | 24" X 24" | 30 M.P.H. |
| 14          | W1-6        | 36" X 18" |           |
| 15          | W1-6        | 36" X 18" |           |
| 16          | W1-6        | 36" X 18" |           |
| 17          | W13-1       | 24" X 24" | 35 M.P.H. |
| 18          | W13-1       | 24" X 24" | 35 M.P.H. |
| 19          | W1-6        | 36" X 18" |           |

PROJECT NUMBER: 5770-00-75

HIGHWAY: STH 133

COUNTY: IOWA

PERMANENT SIGN DETAILS

SCALE, FT.

SHEET NUMBER: 2.5 E

FILE NAME : G:\d\57700005\577050L.dgn

ORIGINATOR : dat+jv

PLOT SCALE : 200.000000:1.000000

PLOT DATE : 19-DEC-2000 11:14

WISDOT/CADDS SHEET 42