

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2005-085 SG	WILL.	28	2
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	COVER SHEET
2	INDEX OF SHEETS, HIGHWAY STANDARDS & GENERAL NOTES
3	SUMMARY OF QUANTITIES
4 - 5	HORIZONTAL ALIGNMENTS, TIES AND BENCHMARKS
6 - 7	PROPOSED DMS ROADWAY PLANS
7A	TYPICAL E-SERVICE INSTALLATION
7B	CONCRETE FOUNDATION TYPE I DETAIL
8	DMS OH STRUCTURES GENERAL ELEVATIONS
9	OH SIGN STRUCTURES PLAN & ELEVATION
10 - 11	OH SIGN STRUCTURES ALUMINUM TRUSS DETAILS
12	OH SIGN STRUCTURES DAMPING DEVICE
13 - 14	OH SIGN STRUCTURES SUPPORT FRAME
15 - 18	OH SIGN STRUCTURES ALTERNATE ALUMINUM WALKWAY
19 - 20	OH SIGN STRUCTURES DRILLED SHAFT DETAILS
21 - 22	SOIL BORING LOGS
23 - 28	CROSS SECTIONS

ABBREVIATIONS

DMS DYNAMIC MESSAGING SIGNS
OH OVERHEAD

HIGHWAY STANDARDS

STD. NO.	DESCRIPTION
000001-04	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
000006	DECIMAL OF AN INCH AND OF A FOOT
285001-01	TEMPORARY EROSION CONTROL SYSTEMS
630001-06	STEEL PLATE BEAM GUARDRAIL
630201-03	PCC/BITUMINOUS STABILIZATION AT STEEL PLATE BEAM GUARDRAIL
630301-03	SHOULDER WIDENING FOR TYPE I (SPECIAL) GUARDRAIL TERMINALS
631011-02	TRAFFIC BARRIER TERMINAL TYPE 2
635006-02	REFLECTOR AND TERMINAL MARKER PLACEMENT
635011-01	REFLECTOR MARKER AND MOUNTING DETAILS
701101-01	OFF-ROAD OPERATIONS, MULTILANE LESS THAN 4.5M (15') AWAY FROM PAVEMENT EDGE
701400-02	APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
701401-03	LANE CLOSURE, FREEWAY/EXPRESSWAY
702001-06	TRAFFIC CONTROL DEVICES

GENERAL NOTES

- BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT 800-892-0123 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE AND GAS FACILITIES. (48 HOURS NOTIFICATION REQUIRED)
- THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES.
- THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.
- BARRICADES: THE CONTRACTOR SHALL PROVIDE AND INSTALL TWO (2) WEIGHTED SAND BAGS ON EACH TYPE I OR TYPE II BARRICADE USED - ONE (1) WEIGHTED SAND BAG ACROSS EACH BOTTOM RAIL.
- WHEN ARTIFICIAL LIGHTING IS USED IN NIGHT OPERATIONS THE CONTRACTOR SHALL EXERCISE THE UTMOST PRECAUTIONS IN PREVENTING ADVERSE VISIBILITY TO THE MOTORING PUBLIC AND ADJOINING RESIDENTIAL AREAS.

6. THE COST OF EARTH EXCAVATION REQUIRED FOR THE CONSTRUCTION OF PROPOSED AGGREGATE SHOULDERS, TYPE B 6" SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER SQ YD FOR AGGREGATE SHOULDERS, TYPE B 6".

7. RESTORATION OF EXISTING GROUND AT CONCRETE FOUNDATION REMOVAL LOCATIONS SHALL BE DONE IN ACCORDANCE WITH THE REQUIREMENTS OF THE SPECIAL PROVISION FOR TOPSOIL FURNISH AND PLACE, VARIABLE DEPTH, SPECIAL. THE COST OF RESTORATION OF EXISTING GROUND AT CONCRETE FOUNDATION REMOVAL LOCATIONS WILL NOT BE PAID FOR SEPERATELY BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR REMOVE CONCRETE FOUNDATION - OVERHEAD.

8. THE RESTORATION OF EXISTING GROUND WITH SEEDING CL 2A AND EROSION CONTROL BLANKET AT DRILLED SHAFT CONCRETE FOUNDATION LOCATIONS OUTSIDE THE MEDIAN WILL NOT BE PAID FOR SEPERATELY, BUT SHALL BE INCLUDED THE CONTRACT UNIT PRICE PER CU. YD. FOR DRILLED SHAFT CONCRETE FOUNDATIONS.

9. DISTURBED AREAS ARE TO BE PROTECTED FROM EROSION IN A TIMELY MANNER. UPON COMPLETION OF GRADING OR CONSTRUCTION, THE AREA WILL BE STABILIZED (USING PERMANENT MEASURES WHEN POSSIBLE) WITHIN 7 CALENDER DAYS. TEMPORARY STABILIZATION THROUGH USE OF TEMPORARY EROSION CONTROL SEEDING OR OTHER APPROVED MEASURES WILL BE INSTALLED WHENEVER SITE DEVELOPMENT WORK, GRADING OR OTHER EARTH DISTURBING ACTIVITIES CEASE TO BE CONTINUOUS FOR A PERIOD EXCEEDING 14 CALENDER DAYS. THE 7/14 DAY REQUIREMENT IS TAKEN TO MEAN THAT THE STABILIZATION OPERATION IS COMPLETE OR NEARING COMPLETION IN THE DEFINED TIME.

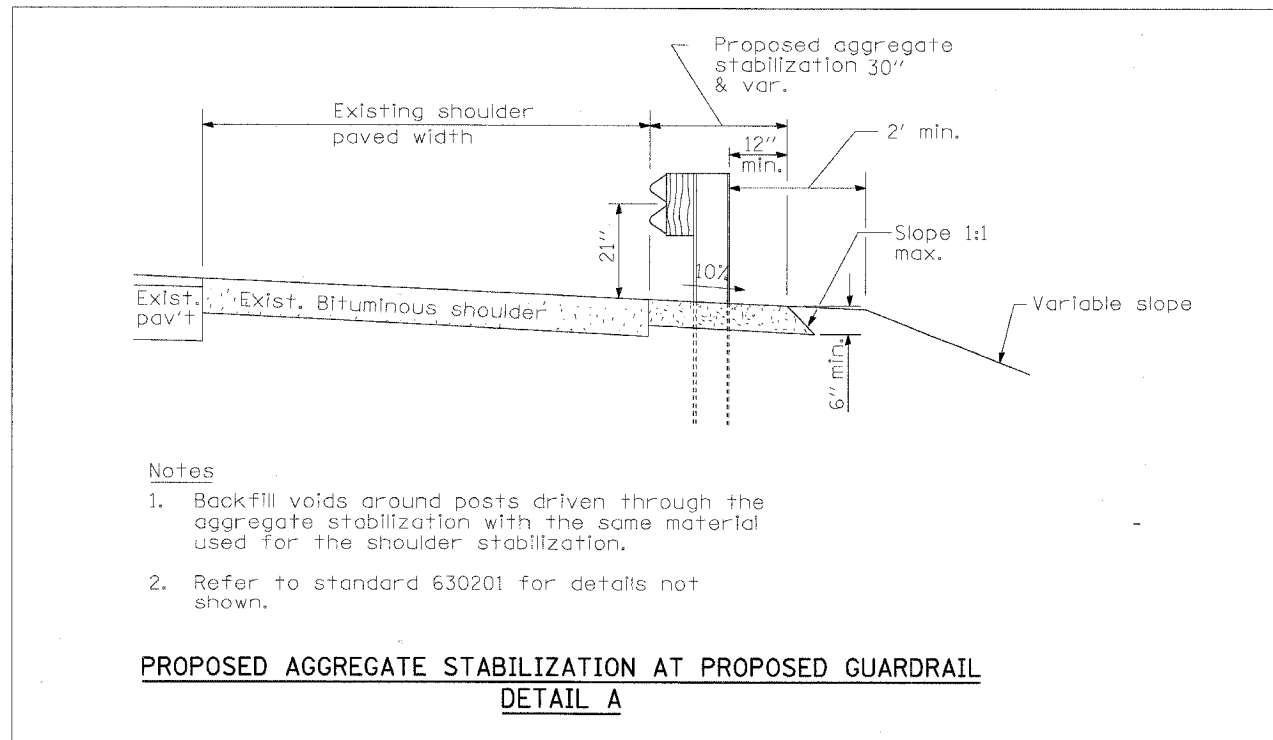
REQUIRED STAGES OF CONSTRUCTION

STAGE I

- ALL LANE CLOSURES SHALL USE STANDARDS 701400 AND 701401. THESE LANE CLOSURES WILL ONLY BE ALLOWED DURING THE OFF PEAK HOURS AS DETAILED IN THE SPECIAL PROVISION FOR "KEEPING THE EXPRESSWAY OPEN TO TRAFFIC".
- CONSTRUCT GUARDRAIL AND AGGREGATE STABILIZATION AS SHOWN ON PLANS.

STAGE II

- CONSTRUCT PROPOSED OVERHEAD SIGN STRUCTURES.
- REMOVE EXISTING SIGN STRUCTURES AS SHOWN ON PLANS.



Notes

- Backfill voids around posts driven through the aggregate stabilization with the same material used for the shoulder stabilization.
- Refer to standard 630201 for details not shown.

**PROPOSED AGGREGATE STABILIZATION AT PROPOSED GUARDRAIL
DETAIL A**

REVISIONS	
NAME	DATE
DDH	5/5/06

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAI ROUTE 55 (I-80 TO U.S. 30)
DYNAMIC MESSAGING SIGNS

**INDEX OF SHEETS
STATE STANDARDS
GENERAL NOTES**

SCALE: DATE 03/24/06 DRAWN BY MRK CHECKED BY DDH

TENG TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
CHICAGO, ILLINOIS

PLOT DATE = 03/24/06
 FILE NAME = #FILE#
 PLOT SCALE = #SCALE#
 USER NAME = #USER#
 ..\NT\05102001.BIT... 05/09/06 10:01:00 AM... VPL 04/14/06 08:17:00 AM...
 ..\DOCUMENT\62361681\CIVIL\DDH\10041584\10041584.BIT
 5-103-2866-110324